

INFORME DE DATOS DE CTD

CAMPAÑA INAPESCA BIPO 1407

Julio 7 a Septiembre 9 de 2014

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Resumen

Se realizó un crucero oceanográfico en la costa oeste de la Península de Baja California, con el objetivo de proveer un entendimiento integral y una capacidad predictiva de la respuesta oceánica a la variabilidad climática y al cambio climático y sus consecuencias en el ecosistema pelágico de la región sur de la Corriente de California. El crucero BIPO-INAPESCA 1407 da continuidad a las campañas realizadas anteriormente por IMECOCAL y amplía la zona de estudio. Este crucero se efectuó del 7 de julio al 9 de septiembre de 2014. Durante la campaña se realizaron 210 lances de CTD para obtener datos hidrográficos en 193 estaciones. En el presente informe se describe la adquisición y el procesamiento de los datos de presión, temperatura, conductividad (salinidad), oxígeno disuelto y clorofila. Los datos procesados se presentan tabulados a niveles de profundidad estándar. Se muestran también perfiles completos de los datos (a cada decibar) y gráficas de contornos verticales y horizontales de las diferentes variables medidas.

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Introducción

La costa este del océano Pacífico, frente a la Península de Baja California alberga una gran cantidad de recursos pesqueros que son de importancia ecológica y comercial para la región. La distribución espacial y temporal de las propiedades fisicoquímicas del agua de mar (temperatura, salinidad, densidad) influyen en la distribución de las poblaciones de peces pelágicos. En este informe se presentan la distribución espacial de variables fisicoquímicas medidas durante el crucero BIPO-INAPESCA realizado del 7 de julio al 9 de septiembre de 2014.

Este crucero está basado en el programa de Investigaciones Mexicanas de la Corriente de California (IMECOCAL). El área cubierta es una zona ampliada sobre los realizados anteriormente dentro de IMECOCAL. En esta campaña se cubrió un recorrido en la región del Pacífico oriental frente al Península de Baja California, desde 5 km en la zona más costeras hasta 540 km costa afuera en la parte más occidental. Geográficamente cubrió desde 21° N hasta 32° N y desde 110° E hasta 122° E.

La campaña oceanográfica BIPO-INAPESCA 1407 fue efectuada a bordo del Buque de Investigación Pesquera y Oceanográfica (BIPO) propiedad del Instituto Nacional de Pesca (INAPESCA) del 7 de julio al 9 de septiembre de 2014. A lo largo de las 193 estaciones muestreadas (figura 1) se realizaron 210 lances de CTD. En todas las estaciones se tomaron muestras de agua (roseta SBE) para la determinación de oxígeno disuelto, clorofila y nutrientes. Se recolectaron muestras de agua en dieciséis estaciones para la realización de igual número de experimentos de productividad primaria. La nomenclatura 1407 indica que fue iniciado en julio (07) del año 2014 (14).

Las observaciones de rutina incluyeron además mediciones continuas de variables meteorológicas (temperatura del aire, humedad relativa, presión atmosférica, rapidez y dirección del viento) y de variables fisicoquímicas medidas en forma continua en la superficie del océano (temperatura del agua, salinidad, fluorescencia del fitoplancton, pH y presión parcial del bióxido de carbono) por medio de la toma de agua en el casco del buque. En este informe se presentan únicamente los datos hidrográficos obtenidos a partir de los lances de CTD.

La red de estaciones oceanográficas muestreadas es un subconjunto de la red original del programa CalCOFI, el cual inició observaciones frente a California y Baja California en 1949. Asimismo, las estaciones se denominan conforme a la práctica CalCOFI, mediante números de

líneas hidrográficas perpendiculares a la costa y números de estaciones separados por un punto. En el apéndice A se muestra el número secuencial del lance de CTD, el nombre, la posición geográfica y profundidad de las estaciones, y la presión (db), hora y fecha al inicio lance de CTD (en UTC).

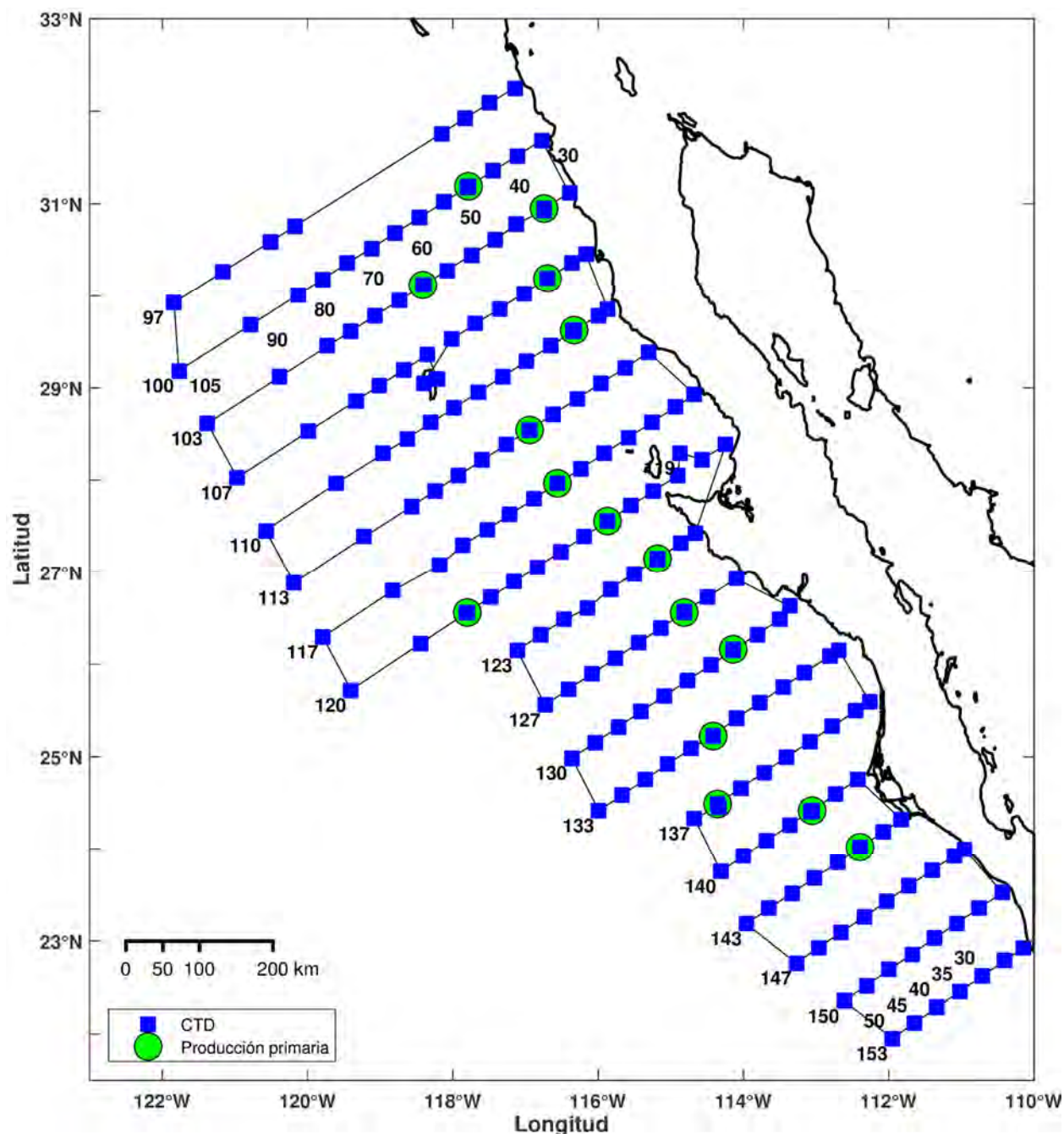


Figura 1. Área de estudio y posición de estaciones para la campaña BIPO-INAPESCA 1407. La red y nomenclatura de las estaciones sigue la del programa CalCOFI. La línea continua entre estaciones indica la ruta de navegación, iniciada en la estación 97.30 y finalizada en la estación 153.15

Metodología

En esta sección se describe la metodología del procesamiento de los datos hidrográficos. La descripción sigue un orden cronológico, desde la descripción del sistema y los instrumentos, la forma en que fueron adquiridos, la calibración que se llevó a cabo, la identificación y eliminación de errores y su presentación final. El software que se utilizó para el procesado de los datos fue el provisto por el fabricante del CTD, SBE Data Processing v 7.23.2 2014.

Descripción del sistema CTD

Durante el crucero se pretendió utilizar un sistema de CTD modelo SBE-911*plus*, fabricado por Sea-Bird Electronics Inc., el cual transmite los datos en tiempo real desde la unidad submarina hasta la computadora a bordo por medio de un cable conductor. En los primeros cuatro lances no se obtuvieron lecturas confiables posiblemente por algún defecto en el cable conductor. Para obtener lecturas confiables se decidió utilizar un CTD autónomo modelo SBE-19 V2 en los lances 5 al 16, cuya calibración era más reciente. En los lances 17 a 210 se utilizó un CTD modelo SBE-19 de características similares que además contaba con sensores de fluorescencia y oxígeno. Para la toma de muestras de agua se utilizó una roseta SBE 32 en conjunto al sistema CTD SBE-911*plus*, debido a los fallos presentados este solo se usó para el disparo remoto de las botellas. Los datos de los perfiles provienen únicamente del CTD autónomo. Todo el sistema se montó en una jaula de acero y se descendió por la borda de estribor por medio de un cable de acero conductor y el malacate del barco.

La unidad SBE-19 y SBE-19V2 consiste en una caja de presión que en su interior contiene la electrónica necesaria para la adquisición y almacenamiento de los datos. En su exterior provee de cuatro y seis canales de entrada para conectar instrumentos opcionales respectivamente. Internamente cuenta con sensores de temperatura, conductividad y presión. Externamente en la unidad SBE-19 se utilizaron sensores de oxígeno y fluorescencia.

Los sensores que se utilizaron en el crucero así como las especificaciones técnicas se presentan en la Tabla 1.

Tabla 1: Especificaciones técnicas de los sensores del CTD.

Instrumento	Lances	Frecuencia de muestreo	Temperatura	Conductividad	Presión	Oxígeno	Fluorescencia	Calibración
SBE 19	5 a 16	4Hz	± 0.005 °C	± 0.0005 S/m	$\pm 0.1\%$	ND	ND	07-ago-12
SBE 19v2	17 a 210	4Hz	± 0.005 °C	± 0.0005 S/m	$\pm 0.1\%$	$\pm 2\%$	0.03 $\mu\text{g/I}$	26-jul-13

Adquisición de los datos

Después de detenerse la marcha del buque al llegar a cada estación se encendió el interruptor magnético del CTD este inmediatamente empezó a registrar en la memoria interna la información de los sensores. Después de procedió a descender la unidad a 16 metros por minuto hasta superar los 500 m de profundidad. Al llegar a la máxima profundidad se registró la hora y fecha y se regresó la unidad a cubierta a la misma velocidad. Una vez en cubierta se interrumpe el registro de datos al cambiar la posición del interruptor magnético a la posición de apagado. El encendido y apagado del interruptor genera un indicador de cada lance realizado y de los datos asociados a este en la memoria interna del CTD. Aproximadamente después de cada 5 lances los datos fueron recuperados de la memoria del CTD en archivos en la computadora de a bordo para su posterior procesamiento. La transferencia de los datos se hizo por medio de la interface serial RS-232 de acuerdo a las recomendaciones del fabricante. Cada lance genera un archivo con información hexadecimal al cual se le denomina “crudo”.

Tratamiento de los datos

Los archivos crudos contienen información codificada en hexadecimal de los valores de voltaje de los sensores del CTD. El primer tratamiento que se dio fue el de convertir los datos crudos a valores de las variables medidas usando el archivo de configuración que contiene la información de las constantes de calibración. El tratamiento incluye tanto datos provenientes del descenso como del ascenso del instrumento.

Debido a la rápida respuesta del sensor de presión, el fabricante recomienda aplicar un filtro pasa bajo a los sensores de presión y a los de temperatura y conductividad. Siguiendo el esquema de procesamiento del fabricante en el módulo FILTER, al primero se le aplicó un filtro con una constante de 0.15 s y a los otros dos se les aplicó un filtro con una constante de 0.2 s. Enseguida se identificaron datos erróneos en cada sensor por medio del módulo WILDEDIT. Con este módulo se leyeron los datos de cada sensor en bloques de 48 valores correspondiendo a 2 segundos de datos y se eliminaron los que diferían por más de 2 desviaciones estándar del bloque para después continuar con el siguiente bloque. En una segunda aplicación del método se excluyeron los datos que se alejaban más de 5 desviaciones estándar de la media, pero se conservaron los que no difieran por más de 0.001 de la misma.

Debido al diferente tiempo de respuesta de los sensores y la posición de éstos dentro de las tuberías del CTD se presenta un desfase en la medida de una variable en particular en la

vertical. Para los sensores de conductividad se aplicó una corrección de 0.625s mientras que al de temperatura el ajuste fue de 0.75 s.

Dentro de la celda de conductividad se genera un problema de capa límite (Lueck, 1991). Para corregirlo es necesario realizar un ajuste consistente en utilizar los valores típicos recomendados por el fabricante de α igual a 0.03 τ igual a 7 en el módulo CELL THERMAL MASS.

Para reducir el ruido en los diferentes sensores se aplicó un filtro simétrico triangular por medio del módulo WINDOW FILTER. Se usó una ventana de 15 datos en los sensores de presión, temperatura y conductividad.

Durante el lance del CTD el barco exhibe un movimiento vertical debido al efecto del oleaje. Esto provoca que la unidad subacuática se mueva de la misma manera y genere estelas de agua con propiedades alteradas. Con el módulo LOOPEDIT se redujo el efecto debido al cabeceo del barco, usando una velocidad mínima de bajada de 0.4 m/s. Con este mismo módulo se retiraron los datos al inicio del lance que correspondían al tiempo en que estuvo suspendido mientras se esperaba a que los sensores se estabilizaran dentro del agua. Enseguida, se utilizó el módulo BIN AVERAGE para realizar promedios de datos por bloques de profundidad. Se seleccionó una profundidad de 1 db y se separaron los lances de bajada y de subida.

Por último a partir de los datos de los sensores se calcularon variables secundarias como son salinidad y densidad (sigma-theta) usando las ecuaciones descritas por Fofonoff y Millard (1983). Estos algoritmos están integrados en el módulo DERIVE del paquete de procesamiento de datos del fabricante.

Determinación de concentración de clorofila-a

Durante la campaña se colectó agua de mar por medio de la roseta SBE 32 con el fin de cuantificar la concentración clorofila-a en las profundidades de 0, 10, 20, 50, 100, 150 y 200 m. El método empleado fue el de fluorometría sin acidificación descrita por Welshmeyer (1994). Para ello se filtró un litro de agua de mar a través de filtros tipo GF/F de 25 mm de diámetro con poro de 0.7 micras. Cada filtro fue colocado en una cápsula de plástico, etiquetada con estación, profundidad y crucero. Las cápsulas fueron congeladas en nitrógeno líquido a -198 °C para su posterior procesamiento en el laboratorio.

En el laboratorio se retiró el filtro de la cápsula plástica, se colocó en un vial de centelleo de 20 ml previamente cubierto con papel de aluminio y se le añadió 10 ml de acetona al 90%. Posteriormente se mantuvo en refrigeración (4 °C) durante 24 hr. A este proceso se le llama

extracción pasiva (Venrick y Hayward, 1984). Al completarse la extracción, las muestras se mantuvieron a temperatura ambiente y en oscuridad durante media hora. En una celda de vidrio se colocaron 2 ml de muestra y se leyó el valor de fluorescencia emitida en un fluorómetro Trilogy de Turner Designs. Los valores de concentración de clorofila-a determinados por el instrumento están en unidades de mg m^{-3} y se reportan en el apéndice E

Presentación de datos

En el presente informe se presentan los datos del lance de descenso. Los datos de ascenso se muestran sólo en los casos en que el primero hubiera mostrado errores no corregibles.

En el diagrama TS de los datos del crucero 1407 (Fig. 2) se incluyeron las observaciones correspondientes a la climatología para esta temporada (verano) obtenida a partir de los cruceros previos de CalCOFI (1950-1978) e IMECOCAL (septiembre 1998 - julio 2011) en las mismas estaciones oceanográficas. Se muestra la salinidad absoluta (TEOS-10) y la temperatura *in situ* (ITS-90).

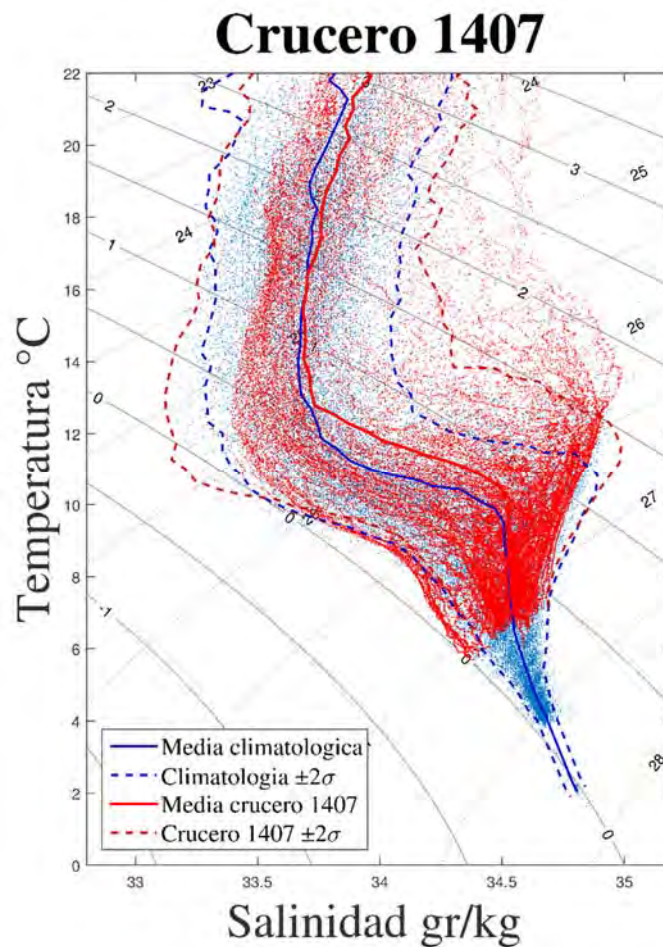
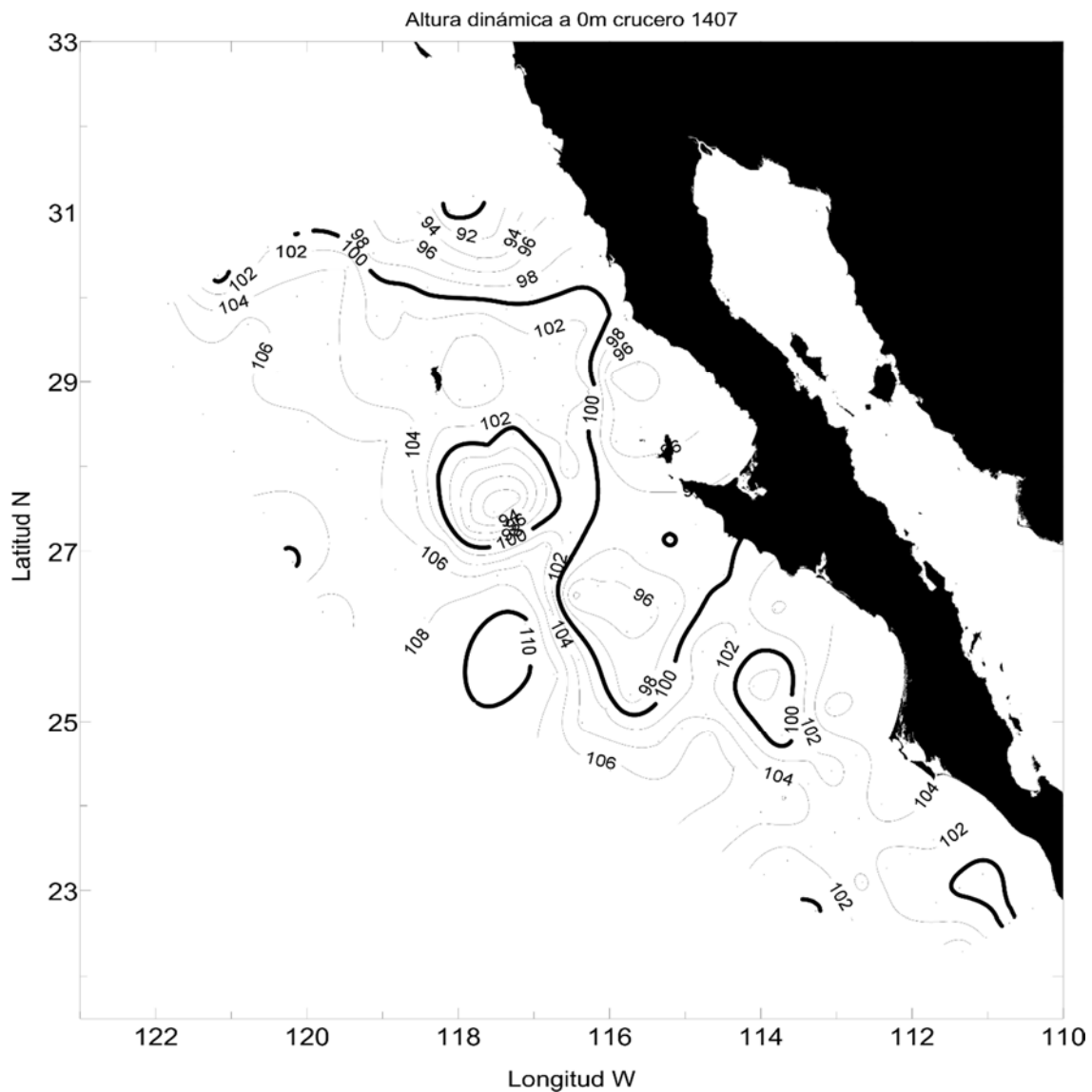
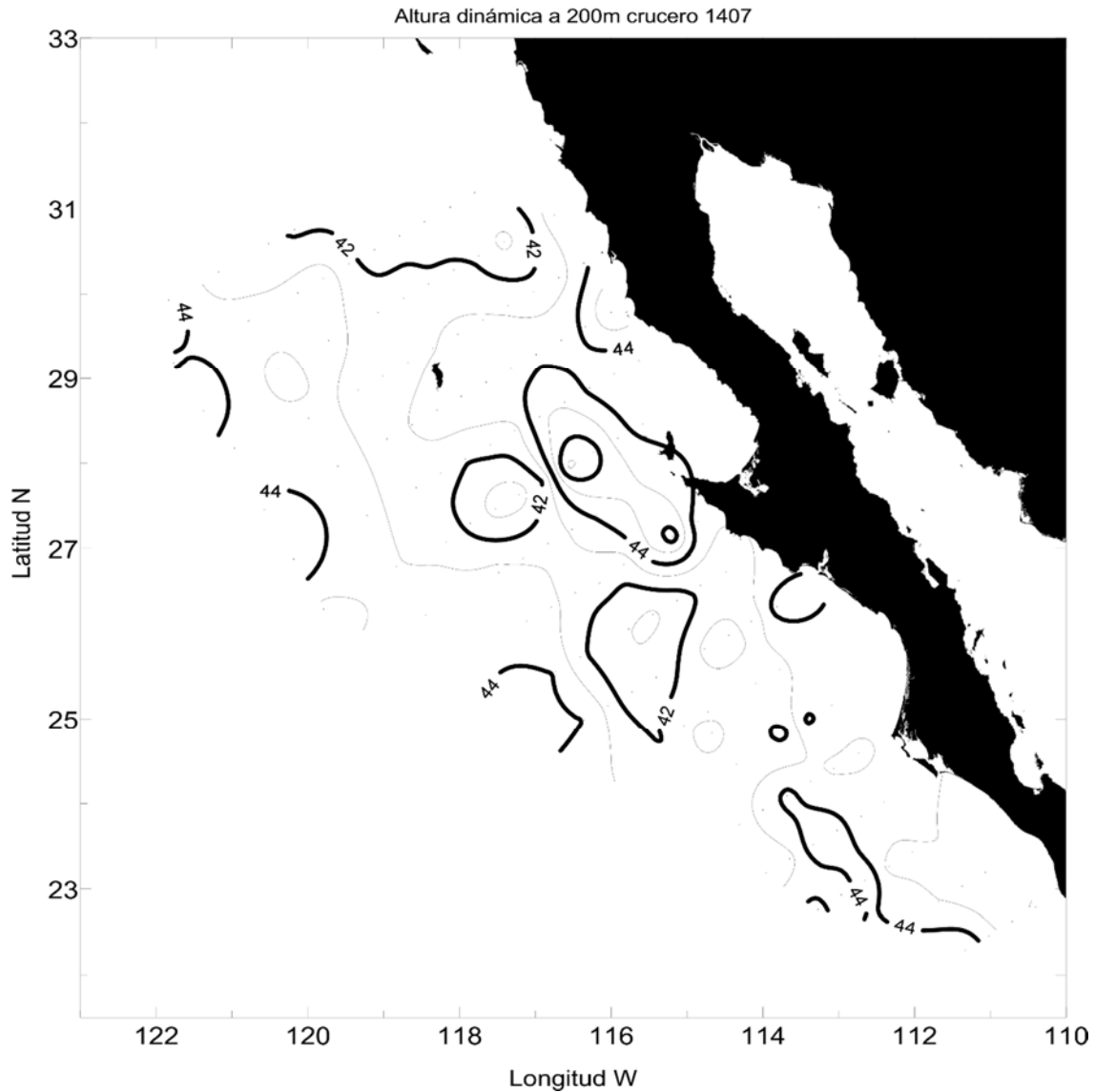


Figura 2: Diagrama TS. En rojo se muestran los datos del crucero 1407, en azul los realizados anteriormente (climatología para primavera). Para efectos visuales, se utilizaron sólo los datos a cada 10 db.

Los datos de temperatura y salinidad registrados en cada lance se utilizaron para los cálculos de densidad y de la anomalía geopotencial (altura dinámica) referido a 500 db. Los contornos de altura dinámica se muestran en las figuras 3 y 4, los cuales indican el comportamiento general de las corrientes en la superficie y a 200 m de profundidad. La altura dinámica fue calculada partir de la salinidad práctica para efectos de comparación con reportes anteriores.



Figuras 3: Altura dinámica (centímetros dinámicos) presentada en el cruce 1407 calculada en la superficie y referenciada a 500 m.



Figuras 4: Altura dinámica (centímetros dinámicos) presentada en el crucero 1407 calculada a 200m y referenciada a 500 m.

En el apéndice B se muestran los datos de cada lance, los cuales constan de tres componentes:

A) Encabezado: En éste se señala el número de la estación, el número secuencial del lance, la latitud y la longitud en grados, minutos y fracciones de minuto, la fecha del lance (DDMMAA), la hora del lance (GMT), la profundidad del fondo marino en la estación (PROFTOT) y la profundidad máxima alcanzada en el lance (PROFLAN).

B) Datos tabulados: Se muestra una tabla con los datos a profundidades estándar (0, 10, 20, 30, 50, 75, 100, 125, 150, 200, 250, 300, 400, 500, 600, 700, 800, 900, 1000 db, y la máxima profundidad alcanzada). En la tabla se incluyen los datos de presión (PRES, db), temperatura (TEMP, °C), salinidad absoluta (SA, g kg⁻¹), oxígeno disuelto (OXI, ml l⁻¹) y anomalía de densidad (SIG-T kg m⁻³).

C) Gráfico del lance: Se muestra un gráfico de temperatura (línea azul, T), salinidad absoluta (línea roja, S), oxígeno (línea negra, O) y sigma-t (línea verde, σ_t) contra profundidad. La escala de cada variable se muestra en la parte inferior. La escala vertical no es igual para todos los lances.

En el Apéndice C se muestran contornos de temperatura, salinidad absoluta, sigma-t y *spiciness* a profundidades de 0, 10, 50, 100, 200 y 300 db. El Apéndice D muestra contornos verticales de temperatura salinidad y velocidad geostrófica para cada uno de los transectos de muestreo.

En el Apéndice E se muestran la concentración de clorofila-a determinada a partir de las muestras discretas de agua de mar.

Agradecimientos

Esta campaña oceanográfica y el presente informe fueron posibles solamente con el esfuerzo de muchas personas que estuvieron involucradas. En forma especial se agradece la colaboración del personal científico que participó a bordo del buque, el cual se relaciona en el Apéndice F. Se extiende el agradecimiento a la tripulación del BIPO por su invaluable colaboración y experiencia en altamar.

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Apéndice A

Posición geográfica y datos generales de las estaciones donde se realizaron lances de CTD durante la campaña 1407.

Lance	Estación	Longitud (N)	Latitud (E)	Fecha (UTC)
1	97.30	32° 15.240'	117° 08.772'	2014-07-15 09:22
2	97.35	32° 05.412'	117° 29.466'	2014-07-15 12:58
3	97.40	31° 55.704'	117° 49.542'	2014-07-15 17:29
4	97.45	31° 45.582'	118° 09.618'	2014-07-15 21:24
5	97.75	30° 45.360'	120° 10.662'	2014-07-16 13:39
6	97.80	30° 35.388'	120° 30.900'	2014-07-16 19:17
7	97.90	30° 15.498'	121° 10.626'	2014-07-17 01:09
8	97.100	29° 55.626'	121° 50.298'	2014-07-17 06:48
9	100.105	29° 11.160'	121° 46.494'	2014-07-17 12:55
10	100.90	29° 41.052'	120° 47.040'	2014-07-17 20:49
11	100.80	30° 00.780'	120° 07.890'	2014-07-18 06:07
12	100.75	30° 10.908'	119° 47.952'	2014-07-18 10:03
13	100.70	30° 21.264'	119° 27.528'	2014-07-18 13:29
14	100.65	30° 31.164'	119° 07.470'	2014-07-18 21:04
15	100.60	30° 41.100'	118° 47.478'	2014-07-19 00:13
16	100.55	30° 51.012'	118° 27.666'	2014-07-19 05:49
17	100.50	31° 01.134'	118° 07.374'	2014-07-19 09:40
18	100.45	31° 11.232'	117° 47.406'	2014-07-19 17:33
19	100.45	31° 10.926'	117° 48.090'	2014-07-19 18:36
20	100.40	31° 21.252'	117° 26.982'	2014-07-19 22:37
21	100.35	31° 31.140'	117° 06.990'	2014-07-20 02:26
22	100.30	31° 41.238'	116° 46.710'	2014-07-20 07:04
23	103.30	31° 07.110'	116° 24.018'	2014-07-20 16:30
24	103.35	30° 56.898'	116° 44.688'	2014-07-20 20:22
25	103.35	30° 55.626'	116° 45.138'	2014-07-20 21:46
26	103.40	30° 46.908'	117° 07.482'	2014-07-21 02:03
27	103.45	30° 36.828'	117° 24.756'	2014-07-21 06:21
28	103.50	30° 26.928'	117° 44.640'	2014-07-21 10:14
29	103.55	30° 16.848'	118° 04.776'	2014-07-21 13:58
30	103.60	30° 06.990'	118° 24.546'	2014-07-21 18:07
31	103.60	30° 06.984'	118° 24.246'	2014-07-21 19:15
32	103.65	29° 56.988'	118° 44.502'	2014-07-21 23:30
33	103.70	29° 46.860'	119° 04.596'	2014-07-22 03:20
34	103.75	29° 36.936'	119° 24.324'	2014-07-22 07:32
35	103.80	29° 27.168'	119° 43.488'	2014-07-22 10:07
36	103.90	29° 06.876'	120° 23.568'	2014-07-22 19:05
37	103.105	28° 36.864'	121° 22.812'	2014-07-23 02:49
38	107.105	28° 01.560'	120° 58.182'	2014-07-23 09:06
39	107.90	28° 31.626'	119° 59.412'	2014-07-23 17:39
40	107.80	28° 51.582'	119° 20.238'	2014-07-23 23:24
41	107.75	29° 01.590'	119° 00.486'	2014-07-24 03:00
42	107.70	29° 11.646'	118° 40.710'	2014-07-24 06:19
43	107.65	29° 21.468'	118° 20.928'	2014-07-24 10:14
44	99.99	29° 05.652'	118° 12.648'	2014-07-24 13:44
45	99.99	29° 03.258'	118° 23.880'	2014-07-24 19:18
46	107.60	29° 31.560'	118° 01.218'	2014-07-25 01:13
47	107.55	29° 41.580'	117° 41.436'	2014-07-25 07:14
48	107.50	29° 51.618'	117° 21.570'	2014-07-25 10:49
49	107.45	30° 01.674'	117° 01.620'	2014-07-25 14:56
50	107.40	30° 11.688'	116° 41.658'	2014-07-25 18:40

Lance	Estación	Longitud (N)	Latitud (E)	Fecha (UTC)
51	107.40	30° 11.454'	116° 41.490'	2014-07-25 20:00
52	107.35	30° 21.630'	116° 21.774'	2014-07-26 00:46
53	107.30	30° 27.366'	116° 10.122'	2014-07-26 03:35
54	110.33	29° 51.120'	115° 52.038'	2014-07-26 12:11
55	110.35	29° 47.052'	116° 00.102'	2014-07-26 13:58
56	110.40	29° 37.284'	116° 19.806'	2014-07-26 18:16
57	110.40	29° 36.954'	116° 20.766'	2014-07-26 19:35
58	110.40	29° 36.708'	116° 20.628'	2014-07-26 20:24
59	110.45	29° 27.312'	116° 39.498'	2014-07-26 23:49
60	110.50	29° 17.190'	116° 59.352'	2014-07-27 03:22
61	110.55	29° 07.248'	117° 19.056'	2014-07-27 07:33
62	110.60	28° 57.222'	117° 38.862'	2014-07-27 11:37
63	110.65	28° 47.184'	117° 58.680'	2014-07-27 15:00
64	110.70	28° 37.320'	118° 18.072'	2014-07-27 20:59
65	110.75	28° 27.090'	118° 37.638'	2014-07-28 00:39
66	110.80	28° 17.112'	118° 57.498'	2014-07-28 04:05
67	110.90	27° 57.948'	119° 36.252'	2014-07-28 10:05
68	110.105	27° 27.240'	120° 34.638'	2014-07-28 18:00
69	113.105	26° 52.878'	120° 11.160'	2014-07-28 23:26
70	113.90	27° 23.028'	119° 13.194'	2014-07-31 14:14
71	113.80	27° 42.804'	118° 34.350'	2014-07-31 20:26
72	113.75	27° 52.968'	118° 14.880'	2014-08-01 00:18
73	113.70	28° 02.952'	117° 55.524'	2014-08-01 03:53
74	113.65	28° 12.960'	117° 35.892'	2014-08-01 10:51
75	113.60	28° 22.980'	117° 16.260'	2014-08-01 14:16
76	113.55	28° 32.790'	116° 56.886'	2014-08-01 17:46
77	113.55	28° 32.766'	116° 56.616'	2014-08-01 18:53
78	113.50	28° 42.948'	116° 36.972'	2014-08-01 22:52
79	113.45	28° 53.046'	116° 17.148'	2014-08-02 02:24
80	113.40	29° 03.030'	115° 57.678'	2014-08-02 06:07
81	113.35	29° 12.990'	115° 37.938'	2014-08-02 12:35
82	113.30	29° 23.118'	115° 18.126'	2014-08-02 16:10
83	117.26	28° 55.662'	114° 40.248'	2014-08-02 21:53
84	117.30	28° 47.658'	114° 55.920'	2014-08-03 00:23
85	117.35	28° 37.584'	115° 15.636'	2014-08-03 03:13
86	117.40	28° 27.612'	115° 35.244'	2014-08-03 06:23
87	117.45	28° 17.562'	115° 54.678'	2014-08-03 10:06
88	117.50	28° 07.602'	116° 14.178'	2014-08-03 13:17
89	117.55	27° 57.630'	116° 34.080'	2014-08-03 17:18
90	117.55	27° 58.026'	116° 33.852'	2014-08-03 18:13
91	117.60	27° 47.742'	116° 53.256'	2014-08-03 21:42
92	117.65	27° 37.638'	117° 12.900'	2014-08-04 01:02
93	117.70	27° 27.726'	117° 31.926'	2014-08-04 04:21
94	117.75	27° 17.586'	117° 51.600'	2014-08-04 07:50
95	117.80	27° 04.470'	118° 10.908'	2014-08-04 11:05
96	117.90	26° 47.682'	118° 49.932'	2014-08-04 16:49
97	117.105	26° 17.622'	119° 47.442'	2014-08-04 23:36
98	120.105	25° 43.224'	119° 24.150'	2014-08-05 04:29
99	120.90	26° 13.410'	118° 26.808'	2014-08-05 11:39
100	120.80	26° 33.480'	117° 48.348'	2014-08-05 16:59
101	120.80	26° 33.348'	117° 48.966'	2014-08-05 17:43
102	120.75	26° 43.392'	117° 29.178'	2014-08-05 21:25
103	120.70	26° 53.370'	117° 09.678'	2014-08-06 01:18
104	120.65	27° 03.372'	116° 50.346'	2014-08-06 04:29
105	120.60	27° 13.368'	116° 31.104'	2014-08-06 07:45
106	120.55	27° 23.358'	116° 11.568'	2014-08-06 11:09

Lance	Estación	Longitud (N)	Latitud (E)	Fecha (UTC)
107	120.50	27° 33.366'	115° 52.218'	2014-08-06 15:27
108	120.50	27° 33.366'	115° 52.218'	2014-08-06 16:39
109	120.45	27° 43.374'	115° 32.910'	2014-08-06 20:41
110	120.40	27° 52.728'	115° 14.484'	2014-08-07 00:25
111	120.35	28° 03.306'	114° 54.084'	2014-08-07 03:49
112	119.33	28° 17.742'	114° 52.470'	2014-08-07 07:30
113	120.30	28° 13.314'	114° 34.212'	2014-08-07 10:24
114	120.25	28° 23.208'	114° 14.616'	2014-08-07 13:45
115	123.37	27° 25.236'	114° 40.026'	2014-08-18 10:57
116	123.40	27° 19.026'	114° 51.738'	2014-08-18 13:19
117	123.45	27° 08.742'	115° 11.178'	2014-08-18 17:17
118	123.45	27° 08.250'	115° 11.298'	2014-08-18 18:26
119	123.50	26° 59.034'	115° 30.588'	2014-08-18 22:18
120	123.55	26° 48.984'	115° 49.842'	2014-08-19 01:40
121	123.60	26° 36.036'	116° 09.060'	2014-08-19 04:55
122	123.65	26° 29.004'	116° 28.338'	2014-08-19 08:31
123	123.70	26° 19.002'	116° 47.538'	2014-08-19 12:17
124	123.75	26° 09.030'	117° 06.912'	2014-08-19 15:47
125	127.75	25° 33.558'	116° 43.878'	2014-08-19 20:58
126	127.70	25° 43.782'	116° 24.582'	2014-08-20 00:20
127	127.65	25° 53.604'	116° 05.484'	2014-08-20 03:30
128	127.60	26° 03.570'	115° 46.206'	2014-08-20 07:03
129	127.55	26° 13.704'	115° 27.054'	2014-08-20 10:08
130	127.50	26° 23.670'	115° 07.890'	2014-08-20 13:44
131	127.45	26° 33.648'	114° 48.660'	2014-08-20 16:52
132	127.45	26° 34.332'	114° 49.332'	2014-08-20 18:05
133	127.40	26° 43.752'	114° 29.232'	2014-08-20 22:07
134	127.34	26° 55.728'	114° 06.204'	2014-08-21 01:56
135	130.28	26° 37.500'	113° 21.870'	2014-08-21 08:13
136	130.30	26° 29.274'	113° 29.706'	2014-08-21 10:06
137	130.35	26° 19.248'	113° 48.744'	2014-08-21 12:54
138	130.40	26° 09.360'	114° 08.298'	2014-08-21 16:17
139	130.40	26° 08.910'	114° 08.964'	2014-08-21 17:35
140	130.45	25° 59.280'	114° 27.120'	2014-08-21 21:43
141	130.50	25° 49.560'	114° 46.236'	2014-08-22 00:53
142	130.55	25° 39.276'	115° 05.328'	2014-08-22 04:26
143	130.60	25° 29.490'	115° 24.486'	2014-08-22 07:50
144	130.65	25° 19.188'	115° 43.476'	2014-08-22 11:00
145	130.70	25° 09.306'	116° 02.460'	2014-08-22 14:44
146	130.75	24° 59.256'	116° 21.744'	2014-08-22 18:17
147	133.75	24° 25.080'	115° 59.466'	2014-08-22 23:11
148	133.70	24° 35.094'	115° 40.332'	2014-08-23 02:25
149	133.65	24° 45.336'	115° 21.246'	2014-08-23 05:48
150	133.60	24° 55.212'	115° 02.406'	2014-08-23 09:06
151	133.55	25° 05.088'	114° 43.656'	2014-08-23 12:32
152	133.50	25° 13.506'	114° 25.446'	2014-08-23 16:13
153	133.50	25° 13.506'	114° 25.446'	2014-08-23 17:05
154	133.45	25° 25.140'	114° 05.610'	2014-08-23 21:28
155	133.40	25° 35.136'	113° 46.458'	2014-08-24 01:02
156	133.35	25° 45.120'	113° 27.552'	2014-08-24 04:12
157	133.30	25° 54.702'	113° 09.288'	2014-08-24 08:39
158	133.25	26° 05.070'	112° 49.008'	2014-08-24 11:10
159	133.23	26° 09.144'	112° 41.232'	2014-08-24 12:54
160	137.22	25° 35.916'	112° 15.864'	2014-08-24 18:23
161	137.25	25° 29.688'	112° 27.366'	2014-08-24 20:28
162	137.30	25° 19.686'	112° 46.470'	2014-08-24 23:18

Lance	Estación	Longitud (N)	Latitud (E)	Fecha (UTC)
163	137.35	25° 09.678'	113° 05.568'	2014-08-27 23:38
164	137.40	24° 59.748'	113° 24.534'	2014-08-28 03:52
165	137.45	24° 49.812'	113° 43.236'	2014-08-28 07:58
166	137.50	24° 39.684'	114° 02.448'	2014-08-28 11:53
167	137.55	24° 29.340'	114° 21.540'	2014-08-28 17:31
168	137.55	24° 27.534'	114° 20.736'	2014-08-28 18:17
169	137.60	24° 19.854'	114° 40.428'	2014-08-28 22:36
170	140.60	23° 45.288'	114° 18.678'	2014-08-29 04:05
171	140.55	23° 55.476'	113° 59.982'	2014-08-29 07:03
172	140.50	24° 05.448'	113° 40.944'	2014-08-29 10:30
173	140.45	24° 15.480'	113° 22.116'	2014-08-29 15:03
174	140.40	24° 25.356'	113° 03.222'	2014-08-29 18:43
175	140.40	24° 24.552'	113° 04.044'	2014-08-29 19:44
176	140.35	24° 35.574'	112° 44.418'	2014-08-29 23:47
177	140.30	24° 45.510'	112° 25.398'	2014-08-30 03:21
178	143.26	24° 19.152'	111° 49.356'	2014-08-30 10:06
179	143.30	24° 11.130'	112° 04.686'	2014-08-30 12:48
180	143.35	24° 01.128'	112° 23.568'	2014-08-30 16:15
181	143.35	24° 01.152'	112° 23.940'	2014-08-30 17:29
182	143.40	23° 50.946'	112° 42.204'	2014-08-30 21:27
183	143.45	23° 41.118'	113° 01.140'	2014-08-31 00:43
184	143.50	23° 31.122'	113° 20.100'	2014-08-31 04:04
185	143.55	23° 21.192'	113° 38.826'	2014-08-31 07:14
186	143.60	23° 11.190'	113° 57.504'	2014-08-31 10:24
187	147.55	22° 45.636'	113° 16.446'	2014-08-31 16:05
188	147.50	22° 55.860'	112° 57.972'	2014-08-31 20:00
189	147.45	23° 05.892'	112° 39.192'	2014-08-31 23:08
190	147.40	23° 15.732'	112° 19.974'	2014-09-01 02:19
191	147.35	23° 25.926'	112° 01.596'	2014-09-01 06:07
192	147.30	23° 35.994'	111° 43.008'	2014-09-01 09:18
193	147.25	23° 45.942'	111° 24.210'	2014-09-01 12:56
194	147.20	23° 55.794'	111° 05.532'	2014-09-01 16:15
195	147.18	23° 59.766'	110° 57.666'	2014-09-01 18:12
196	150.15	23° 31.434'	110° 26.004'	2014-09-01 23:34
197	150.20	23° 21.474'	110° 45.090'	2014-09-02 02:43
198	150.25	23° 11.634'	111° 03.726'	2014-09-02 05:57
199	150.30	23° 01.860'	111° 22.284'	2014-09-02 09:37
200	150.35	22° 51.516'	111° 40.986'	2014-09-02 12:49
201	150.40	22° 41.490'	111° 59.676'	2014-09-02 16:21
202	150.45	22° 31.326'	112° 18.198'	2014-09-02 19:27
203	150.50	22° 21.552'	112° 36.960'	2014-09-02 22:40
204	153.45	21° 57.216'	111° 57.000'	2014-09-03 04:05
205	153.40	22° 07.230'	111° 38.796'	2014-09-03 07:10
206	153.35	22° 17.370'	111° 19.962'	2014-09-03 10:07
207	153.30	22° 27.360'	111° 01.380'	2014-09-03 13:38
208	153.25	22° 37.398'	110° 42.690'	2014-09-03 16:49
209	153.20	22° 47.466'	110° 24.024'	2014-09-03 20:05
210	153.15	22° 55.278'	110° 09.132'	2014-09-03 23:01

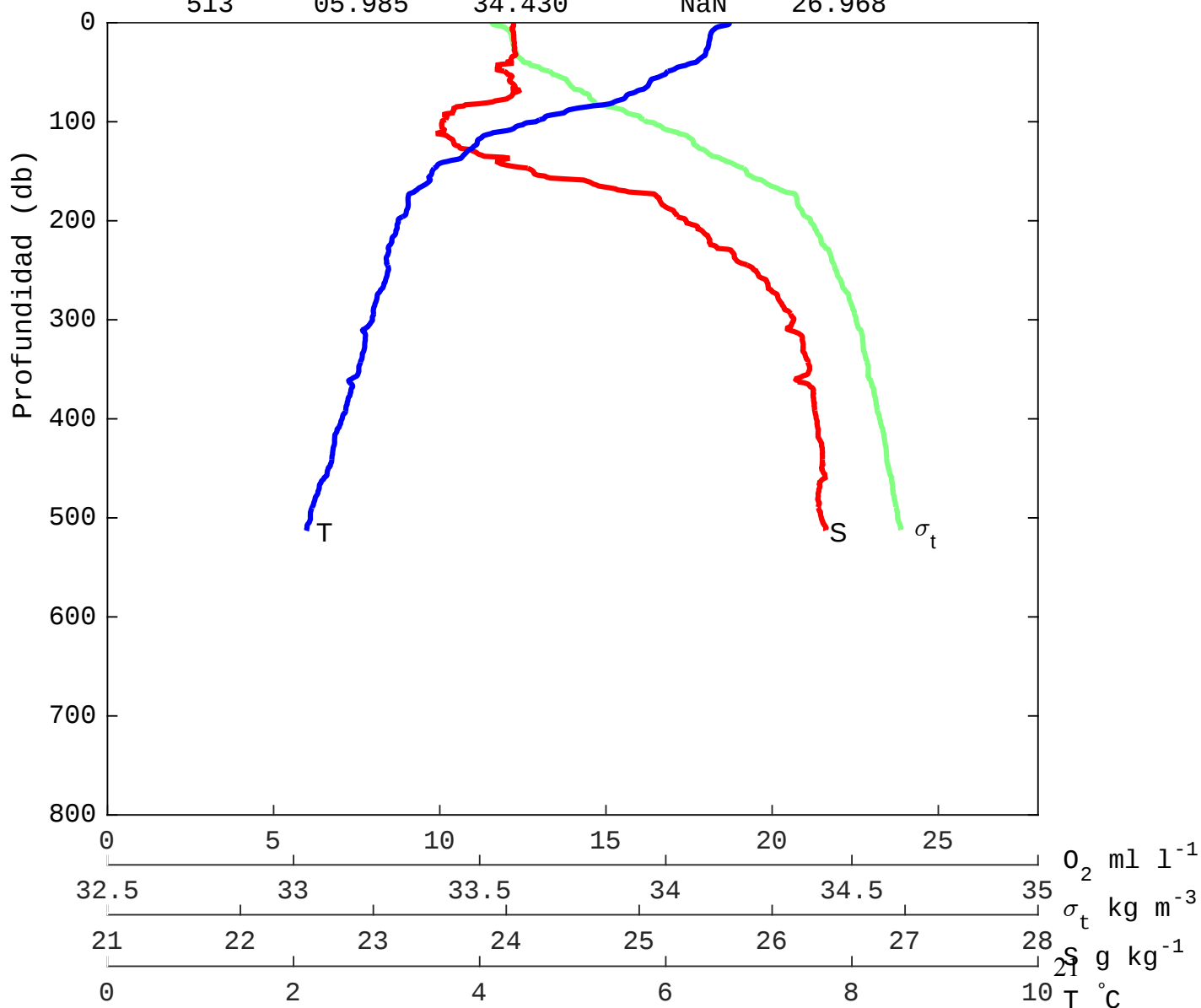
Apéndice B

Datos tabulados y perfiles verticales de CTD: temperatura ($^{\circ}\text{C}$), salinidad,
oxígeno disuelto (ml l^{-1}) y densidad (σ_t , kg m^{-3})

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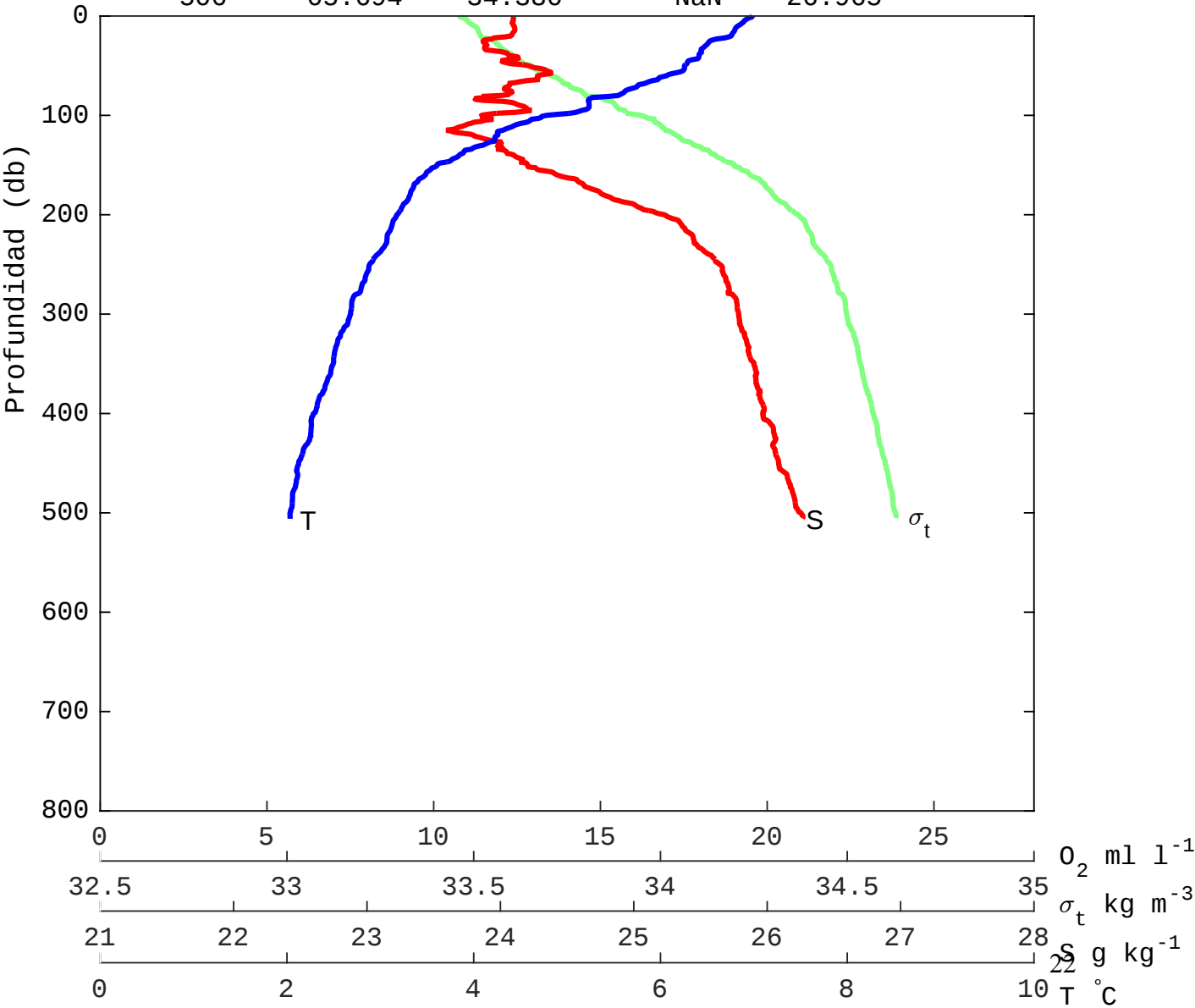
PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

0	18.715	33.591	NaN	23.896
10	18.165	33.592	NaN	24.033
20	18.096	33.593	NaN	24.051
30	18.006	33.595	NaN	24.074
50	16.825	33.570	NaN	24.337
75	15.592	33.582	NaN	24.626
100	12.885	33.398	NaN	25.052
125	11.016	33.446	NaN	25.439
150	09.771	33.643	NaN	25.806
200	08.748	34.054	NaN	26.289
250	08.456	34.238	NaN	26.476
300	07.975	34.344	NaN	26.631
400	07.060	34.404	NaN	26.807
500	06.106	34.418	NaN	26.944
513	05.985	34.430	NaN	26.968



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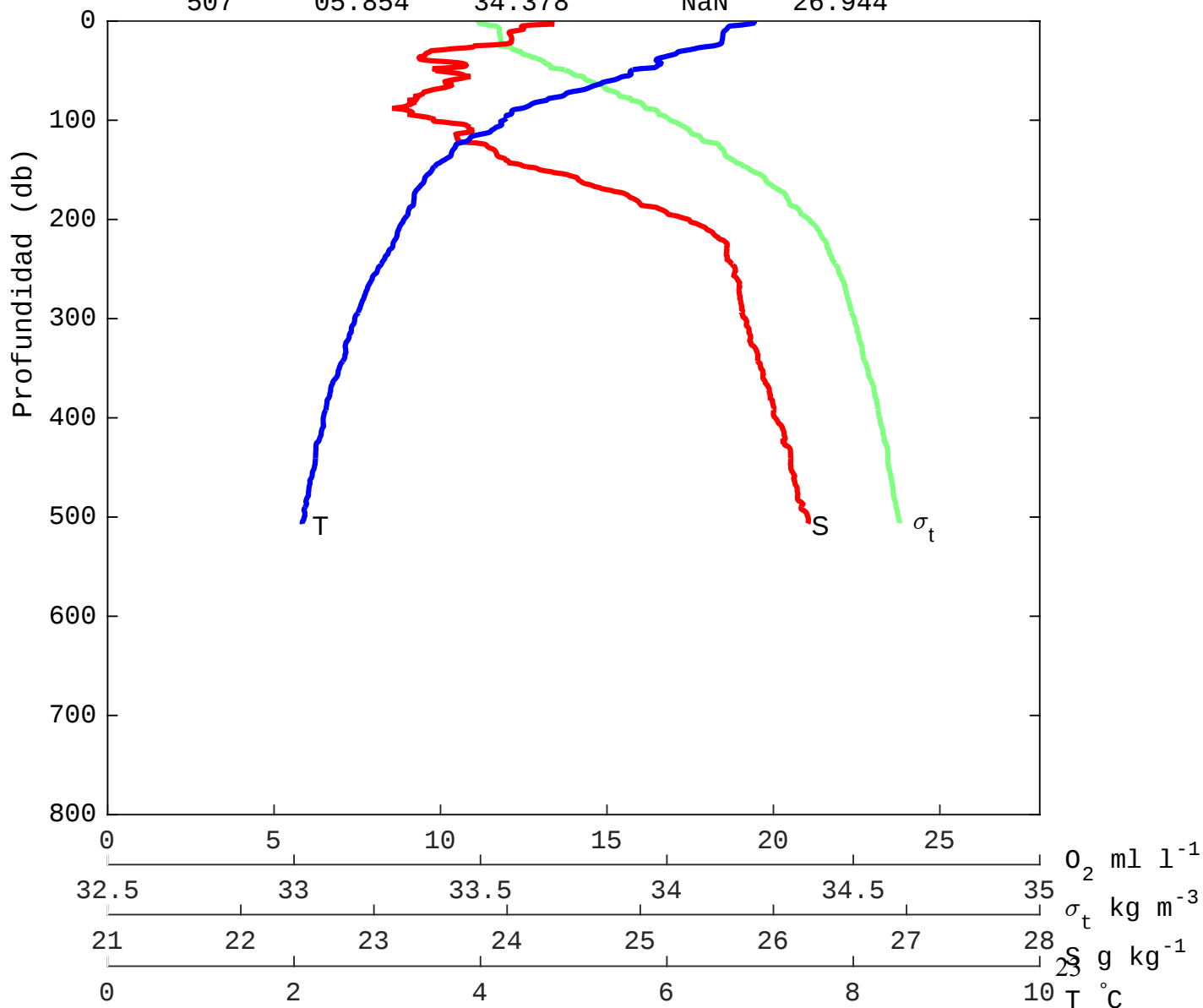
PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
0	19.555	33.606	NaN	23.694
10	19.121	33.608	NaN	23.807
20	18.924	33.601	NaN	23.851
30	18.144	33.536	NaN	23.995
50	17.512	33.646	NaN	24.232
75	15.760	33.596	NaN	24.600
100	13.378	33.521	NaN	25.049
125	11.844	33.542	NaN	25.362
150	10.100	33.645	NaN	25.752
200	08.897	34.009	NaN	26.230
250	08.079	34.157	NaN	26.471
300	07.509	34.209	NaN	26.593
400	06.395	34.274	NaN	26.795
500	05.692	34.375	NaN	26.962
506	05.694	34.380	NaN	26.965



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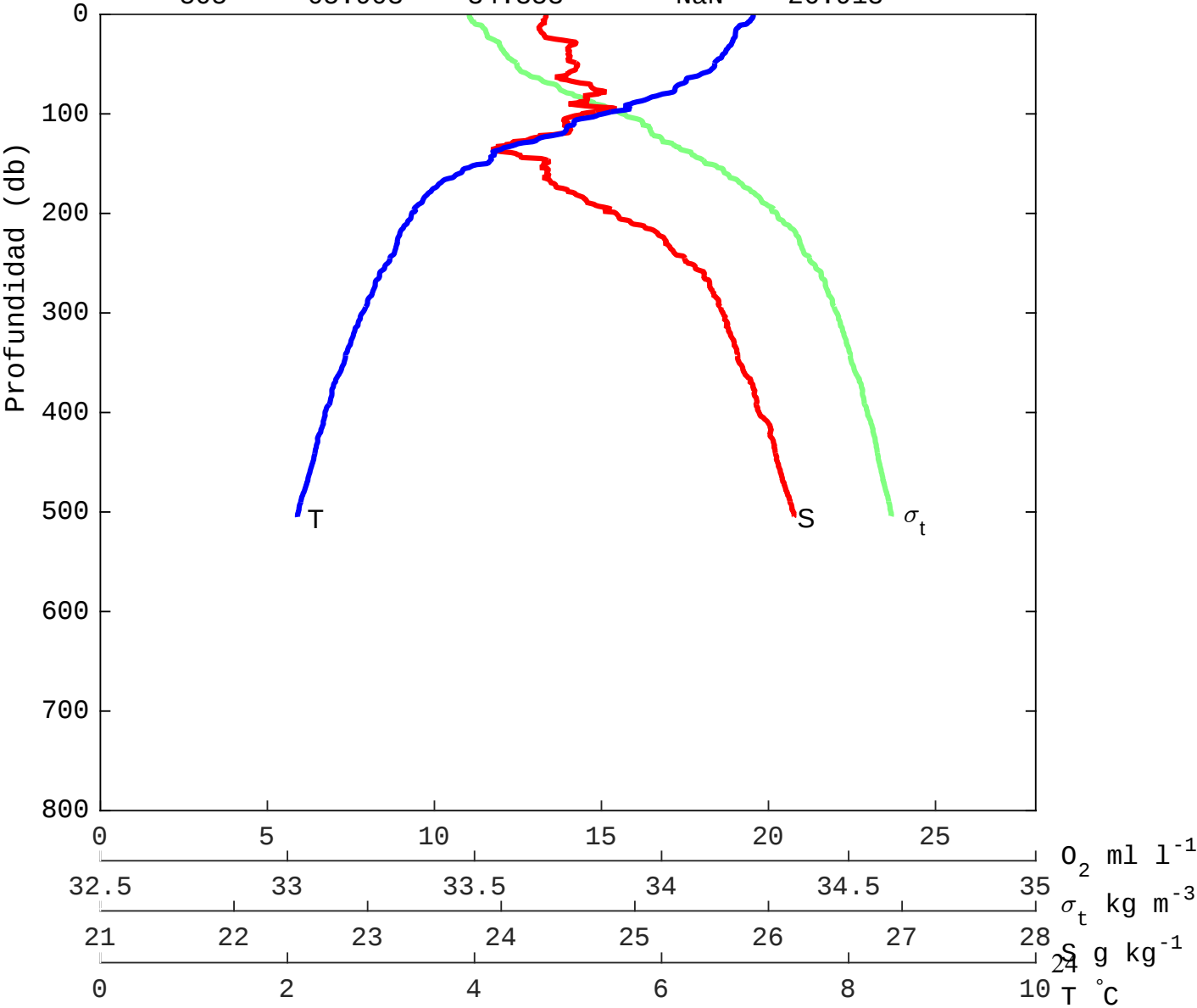
PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

0	19.427	33.686	NaN	23.787
10	18.525	33.591	NaN	23.943
20	18.454	33.584	NaN	23.955
30	17.286	33.366	NaN	24.072
50	15.727	33.380	NaN	24.442
75	13.704	33.337	NaN	24.842
100	11.895	33.373	NaN	25.223
125	10.458	33.516	NaN	25.591
150	09.748	33.658	NaN	25.821
200	08.902	34.056	NaN	26.267
250	08.117	34.183	NaN	26.485
300	07.420	34.211	NaN	26.607
400	06.479	34.290	NaN	26.796
500	05.906	34.378	NaN	26.937
507	05.854	34.378	NaN	26.944



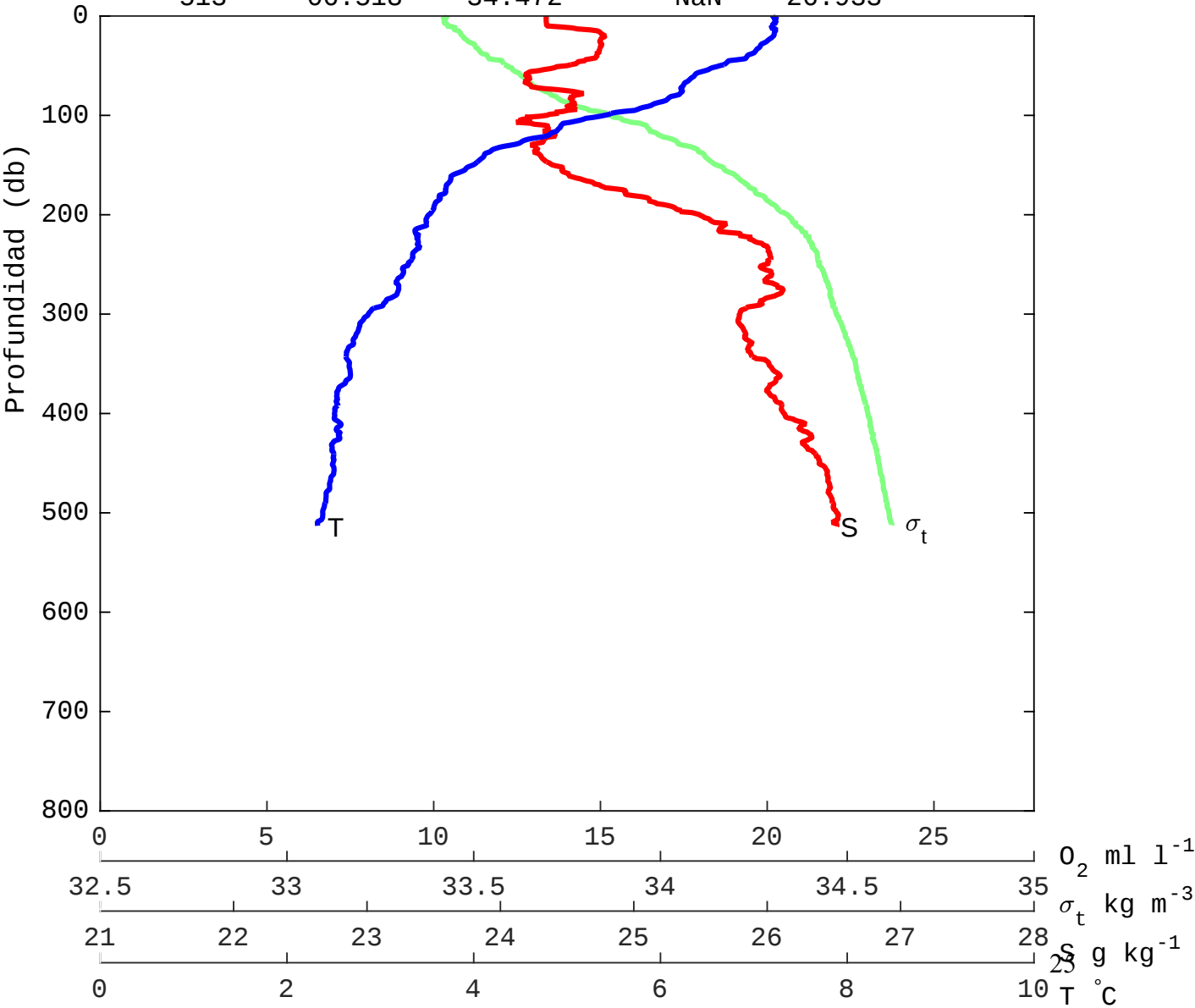
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97.100 008 29°55.63 -121°50.30 17072014 06:48 NaN NaN

PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
0	19.543	33.691	NaN	23.761
10	19.328	33.680	NaN	23.808
20	19.008	33.685	NaN	23.893
30	18.893	33.769	NaN	23.986
50	18.387	33.775	NaN	24.117
75	17.201	33.819	NaN	24.438
100	15.050	33.786	NaN	24.902
125	13.116	33.650	NaN	25.201
150	11.566	33.682	NaN	25.522
200	09.321	33.878	NaN	26.061
250	08.605	34.068	NaN	26.321
300	07.845	34.162	NaN	26.508
400	06.726	34.260	NaN	26.740
500	05.928	34.352	NaN	26.914
505	05.903	34.353	NaN	26.918



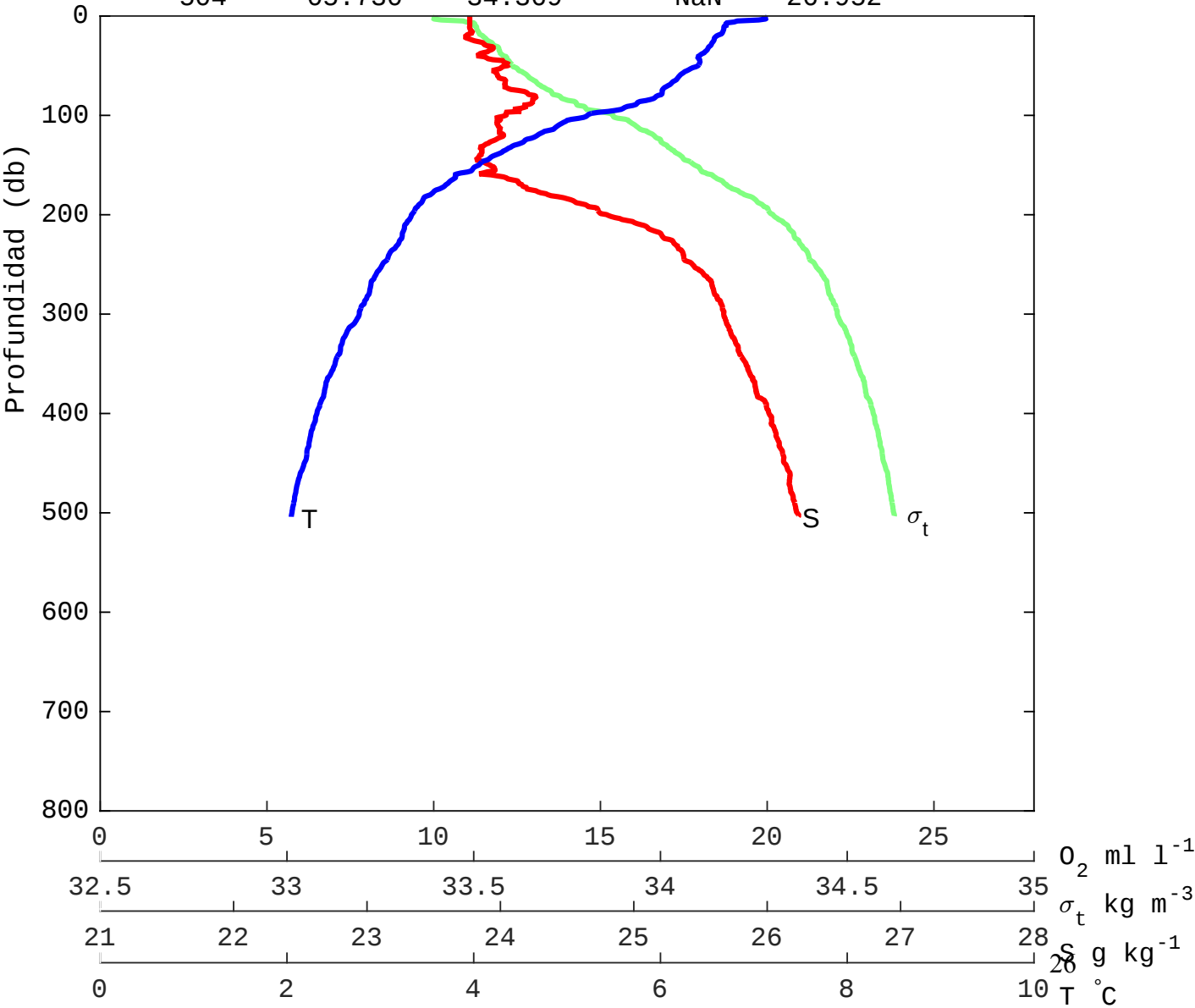
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PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
0	20.167	33.694	NaN	23.601
10	20.199	33.695	NaN	23.594
20	20.191	33.852	NaN	23.715
30	19.795	33.841	NaN	23.810
50	18.576	33.750	NaN	24.051
75	17.460	33.744	NaN	24.320
100	15.119	33.696	NaN	24.818
125	12.730	33.683	NaN	25.303
150	11.175	33.711	NaN	25.616
200	09.850	34.104	NaN	26.150
250	09.242	34.283	NaN	26.388
300	08.037	34.214	NaN	26.520
400	07.025	34.330	NaN	26.754
500	06.672	34.471	NaN	26.912
513	06.518	34.472	NaN	26.933



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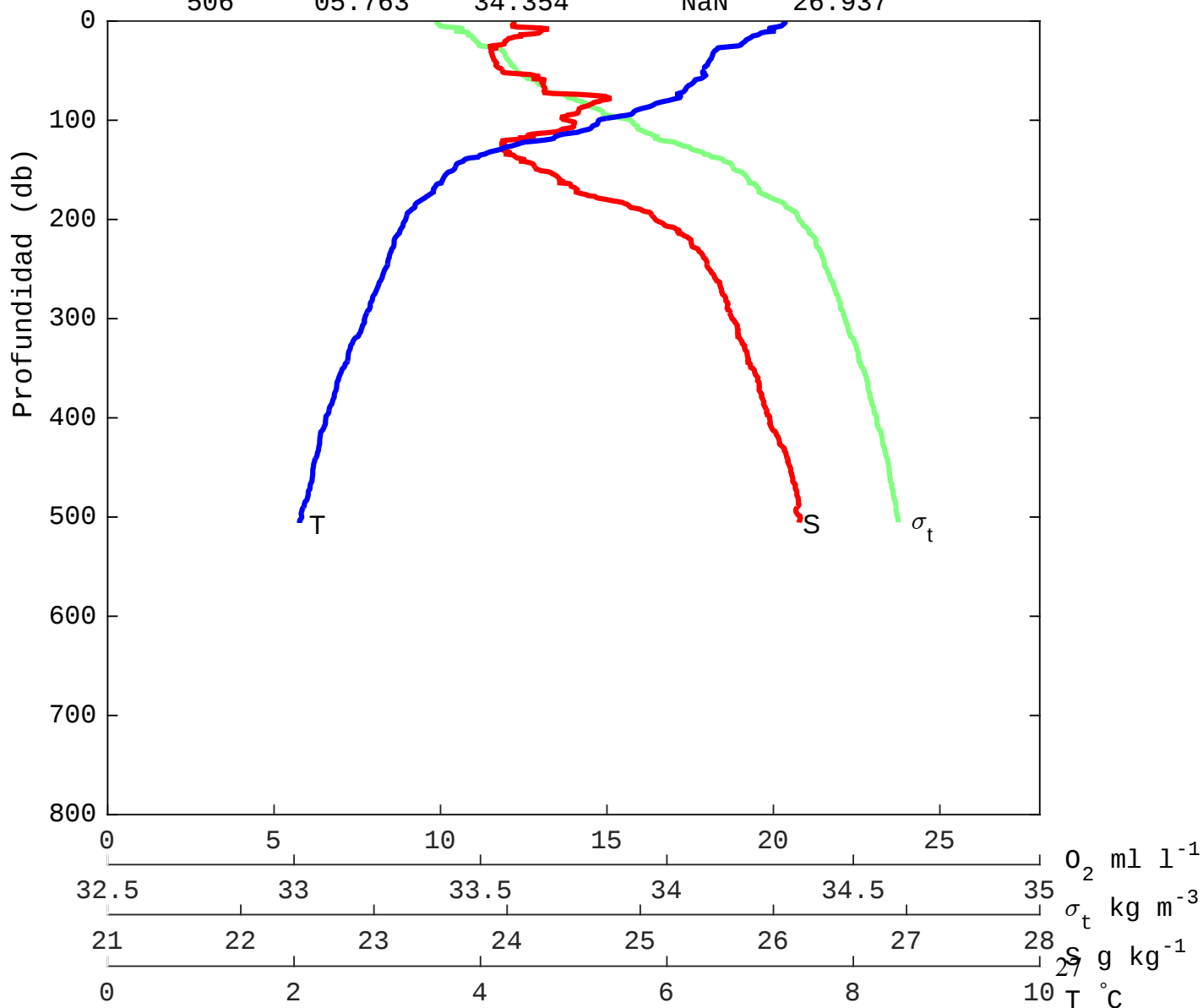
PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
0	19.910	33.489	NaN	23.513
10	18.722	33.489	NaN	23.816
20	18.484	33.480	NaN	23.869
30	18.295	33.536	NaN	23.958
50	17.927	33.591	NaN	24.090
75	16.846	33.620	NaN	24.370
100	14.611	33.586	NaN	24.844
125	12.737	33.556	NaN	25.203
150	11.354	33.544	NaN	25.454
200	09.332	33.856	NaN	26.042
250	08.464	34.085	NaN	26.356
300	07.769	34.169	NaN	26.525
400	06.499	34.290	NaN	26.794
500	05.748	34.365	NaN	26.947
504	05.730	34.369	NaN	26.952



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
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PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

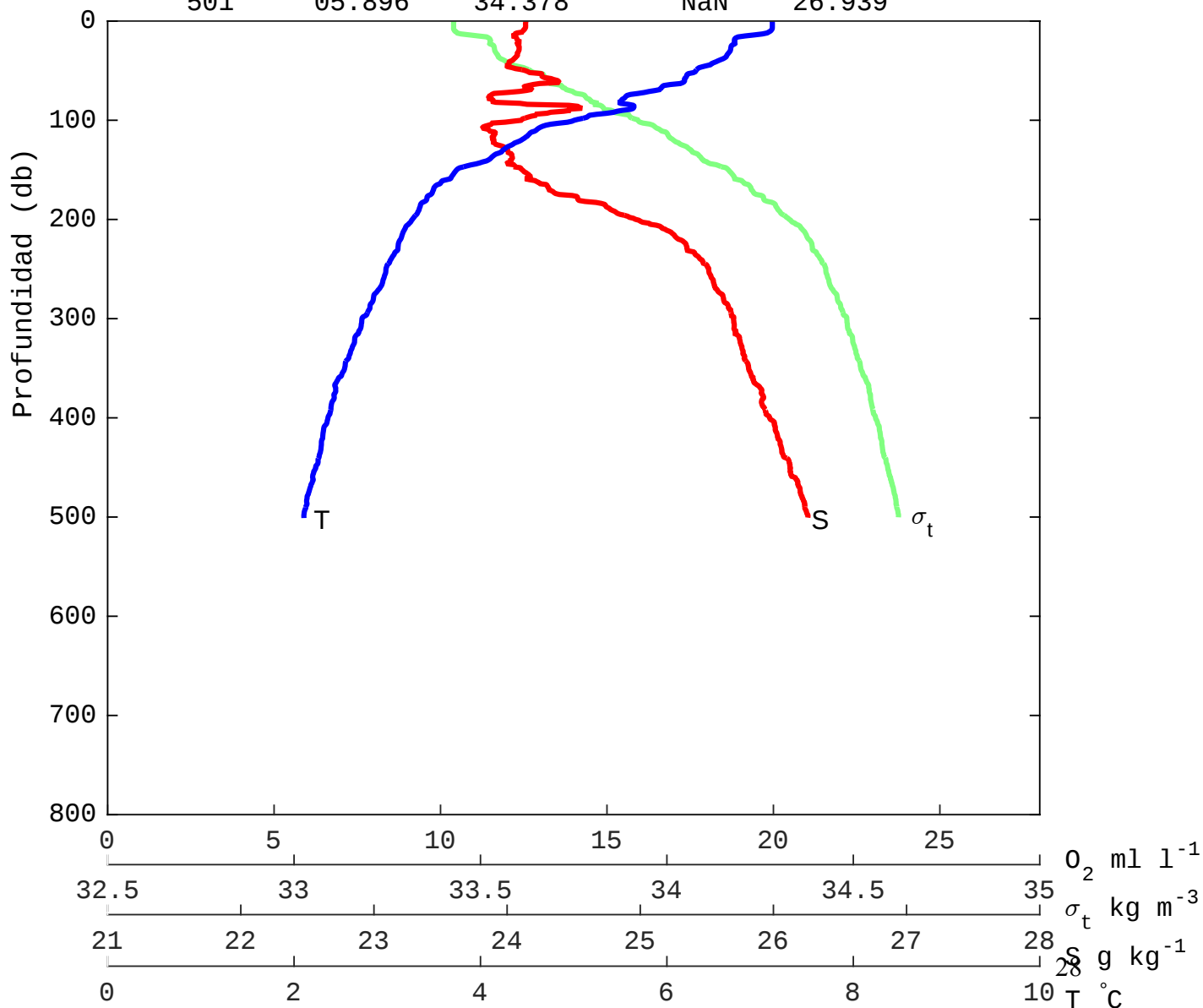
0	20.353	33.590	NaN	23.473
10	20.066	33.663	NaN	23.604
20	19.163	33.566	NaN	23.764
30	18.236	33.531	NaN	23.968
50	17.916	33.559	NaN	24.068
75	17.147	33.803	NaN	24.439
100	14.743	33.734	NaN	24.928
125	12.226	33.569	NaN	25.311
150	10.389	33.656	NaN	25.711
200	08.952	33.969	NaN	26.190
250	08.336	34.113	NaN	26.397
300	07.721	34.174	NaN	26.535
400	06.554	34.276	NaN	26.775
500	05.829	34.360	NaN	26.933
506	05.763	34.354	NaN	26.937



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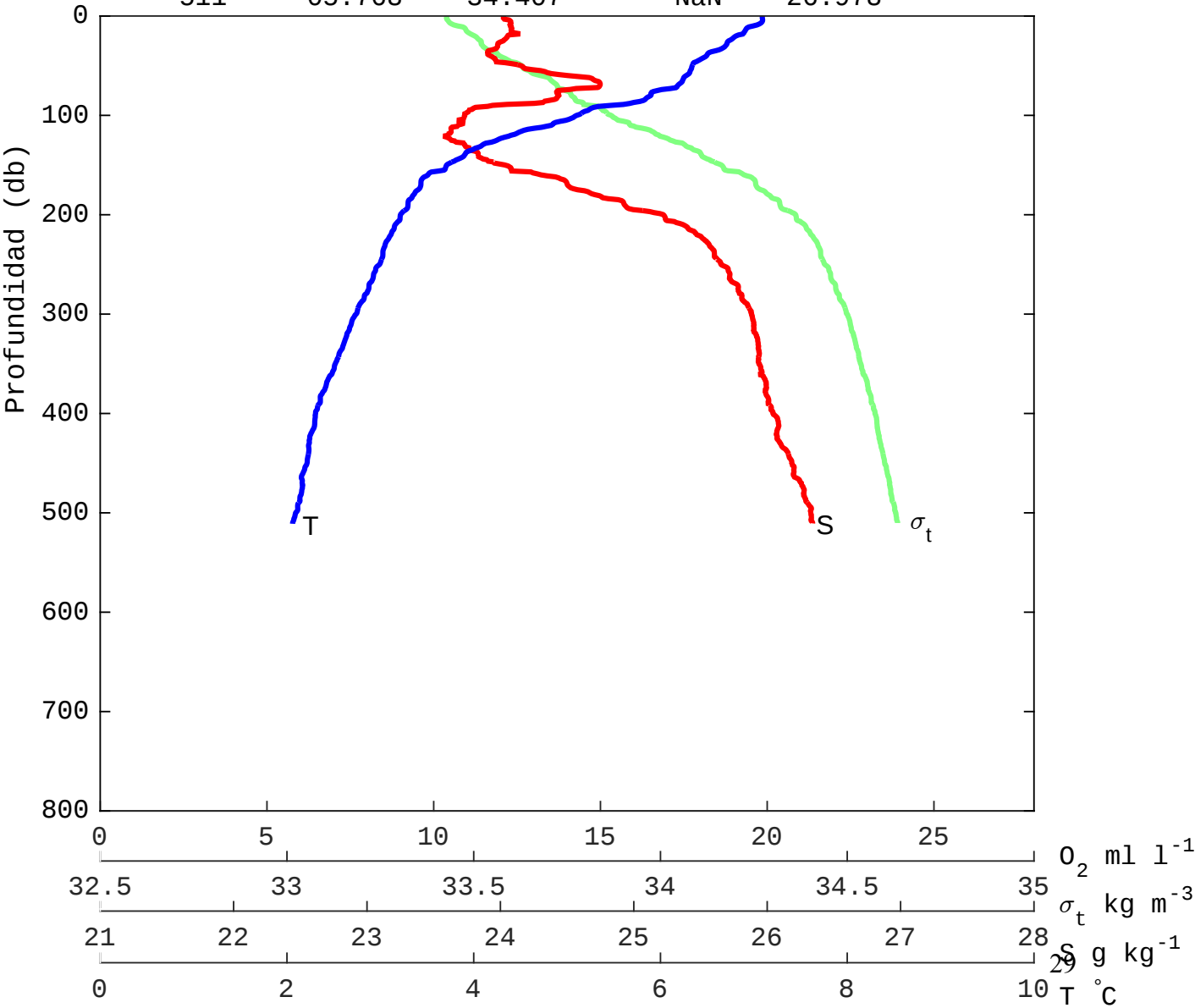
PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

0	19.966	33.622	NaN	23.599
10	19.915	33.613	NaN	23.606
20	18.826	33.601	NaN	23.875
30	18.703	33.603	NaN	23.907
50	17.671	33.621	NaN	24.174
75	15.600	33.528	NaN	24.583
100	14.017	33.612	NaN	24.988
125	12.132	33.547	NaN	25.312
150	10.485	33.611	NaN	25.660
200	09.153	33.915	NaN	26.117
250	08.360	34.112	NaN	26.393
300	07.640	34.179	NaN	26.551
400	06.619	34.275	NaN	26.766
500	05.896	34.378	NaN	26.939
501	05.896	34.378	NaN	26.939



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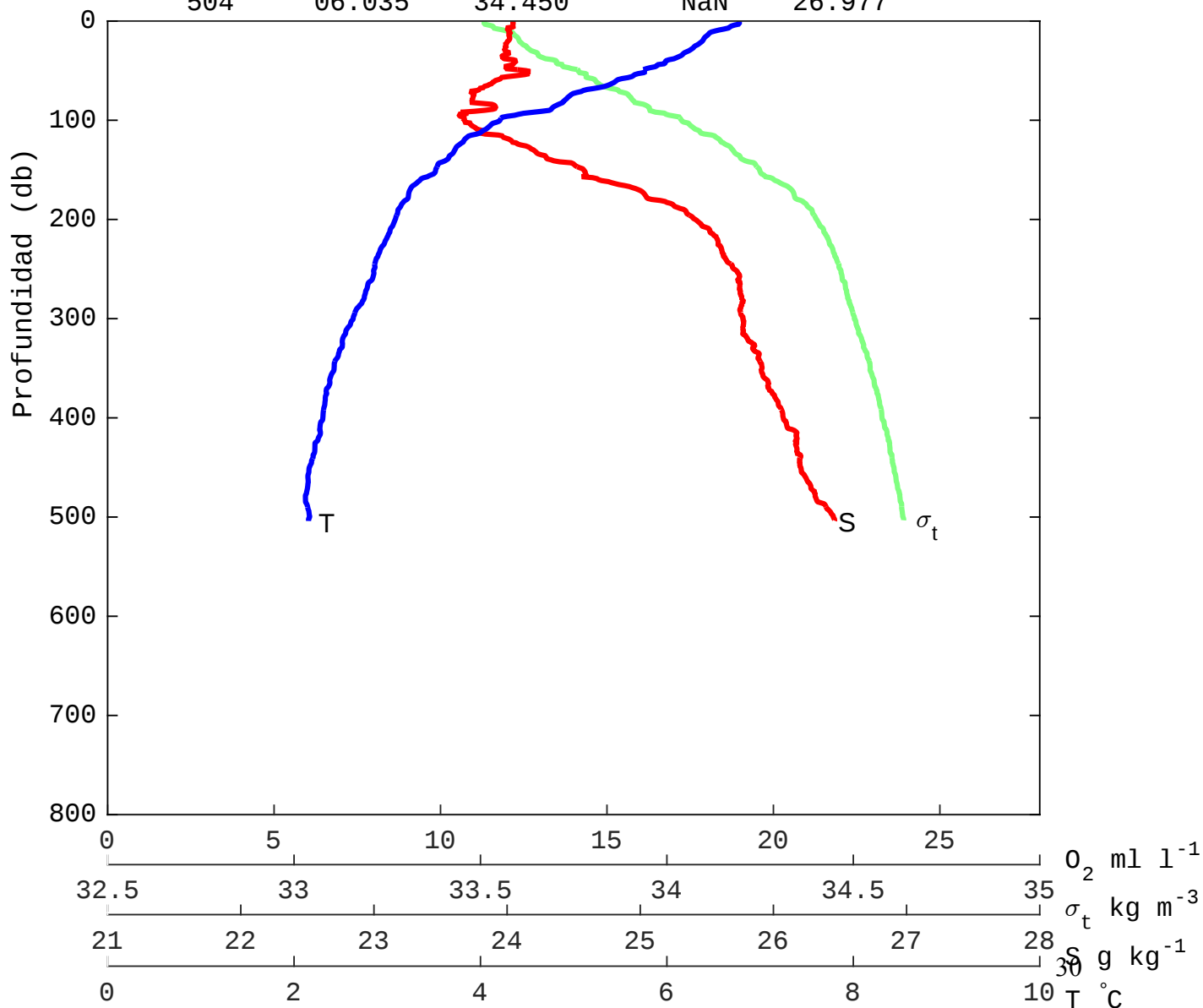
PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
0	19.853	33.580	NaN	23.596
10	19.578	33.595	NaN	23.679
20	19.069	33.590	NaN	23.805
30	18.749	33.565	NaN	23.867
50	17.753	33.627	NaN	24.159
75	16.706	33.726	NaN	24.483
100	14.285	33.476	NaN	24.828
125	11.896	33.438	NaN	25.272
150	10.387	33.583	NaN	25.655
200	09.003	34.007	NaN	26.212
250	08.377	34.161	NaN	26.429
300	07.674	34.241	NaN	26.595
400	06.457	34.301	NaN	26.808
500	05.857	34.403	NaN	26.964
511	05.768	34.407	NaN	26.978



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 100.65 014 30°31.16 -119°07.47 18072014 21:04 NaN NaN

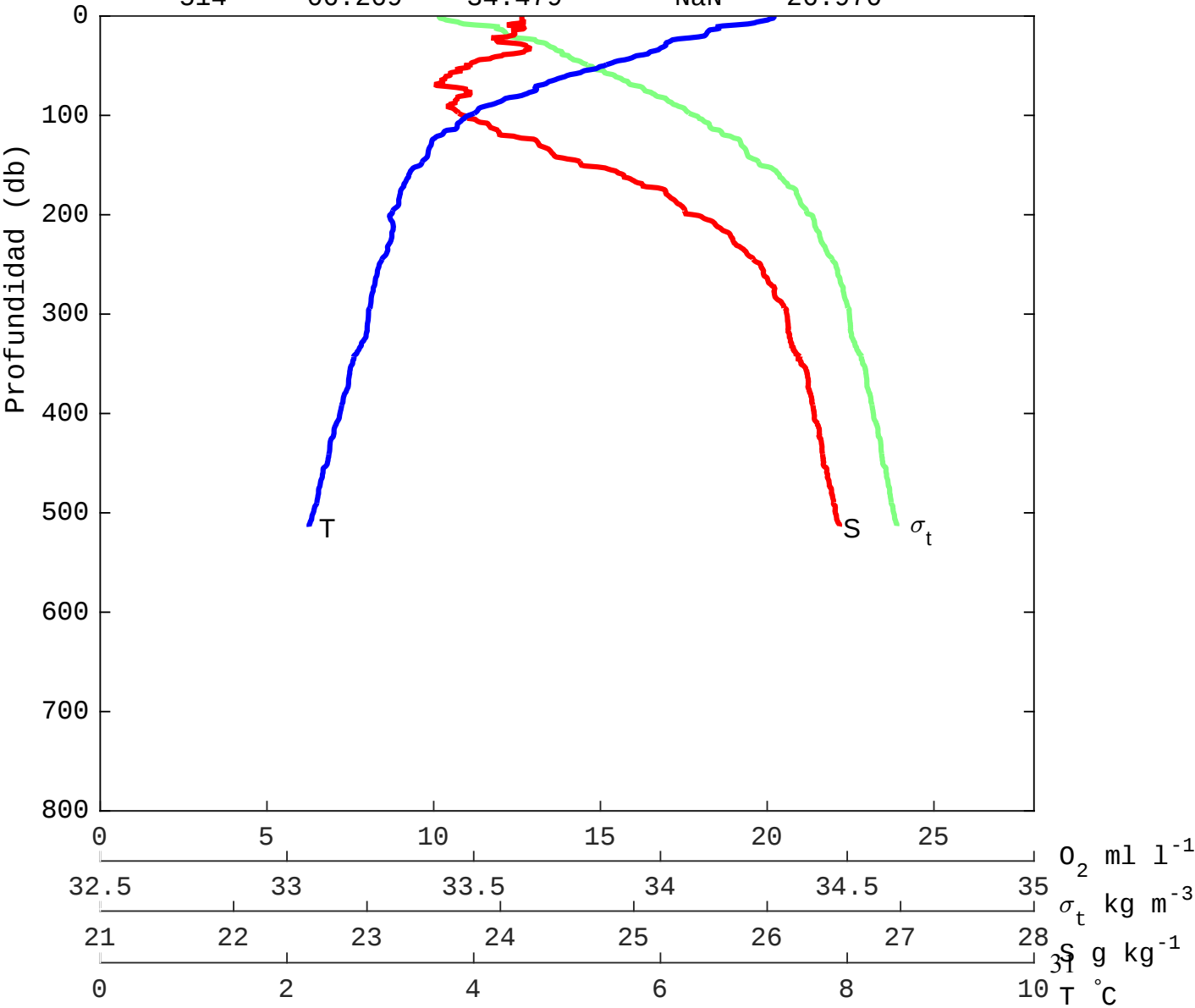
PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

0	18.976	33.588	NaN	23.827
10	18.247	33.572	NaN	23.997
20	17.870	33.574	NaN	24.091
30	17.459	33.564	NaN	24.183
50	16.119	33.622	NaN	24.539
75	13.897	33.480	NaN	24.912
100	11.785	33.459	NaN	25.309
125	10.548	33.608	NaN	25.647
150	09.855	33.777	NaN	25.895
200	08.640	34.075	NaN	26.322
250	08.009	34.179	NaN	26.498
300	07.376	34.204	NaN	26.608
400	06.464	34.312	NaN	26.815
500	06.069	34.446	NaN	26.970
504	06.035	34.450	NaN	26.977



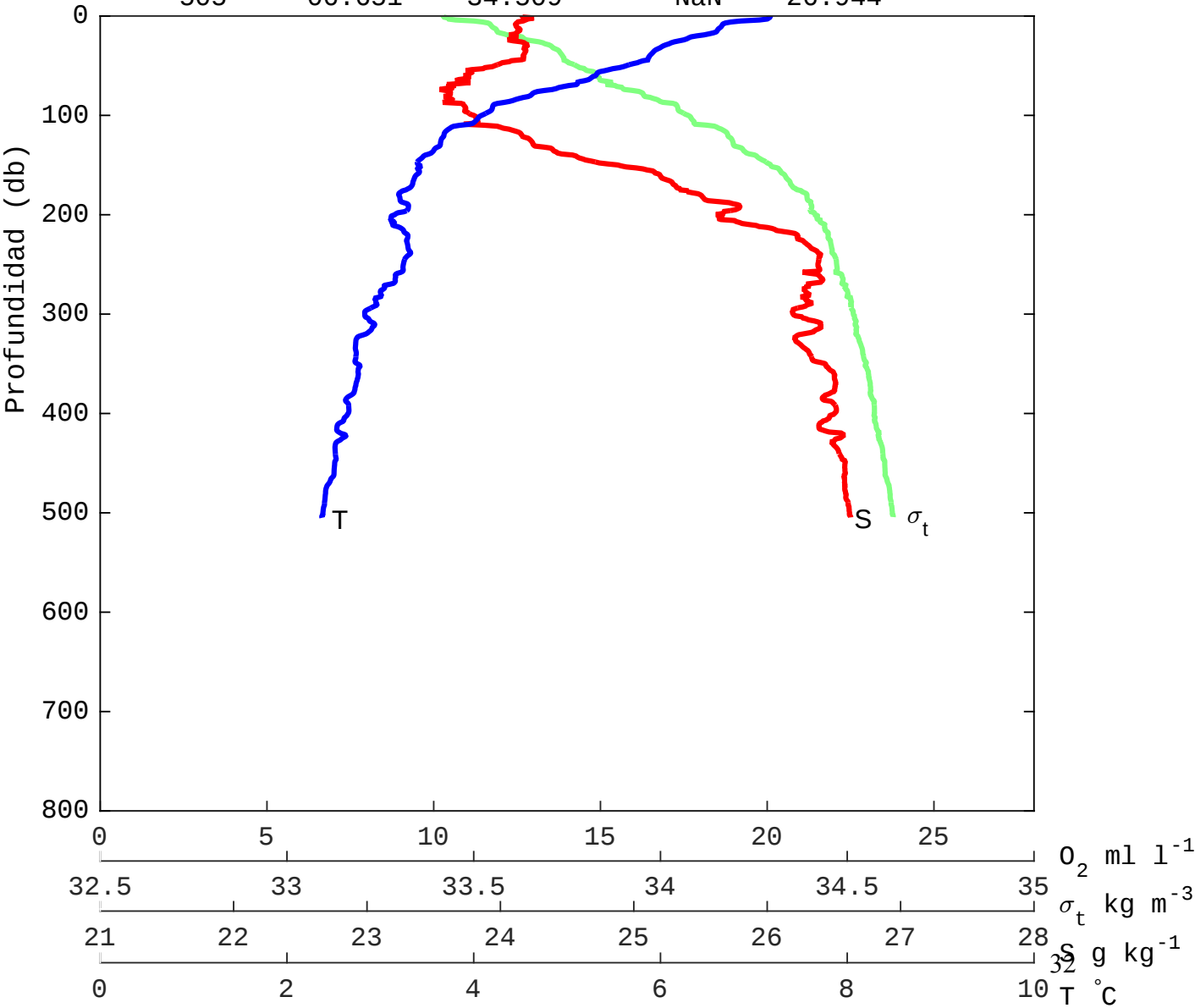
ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
100.60 015 30°41.10 -118°47.48 19072014 00:13 NaN NaN

PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
0	20.204	33.629	NaN	23.542
10	18.658	33.606	NaN	23.922
20	18.121	33.597	NaN	24.048
30	16.945	33.642	NaN	24.364
50	15.114	33.475	NaN	24.650
75	13.064	33.476	NaN	25.077
100	11.047	33.471	NaN	25.453
125	09.952	33.667	NaN	25.794
150	09.604	33.785	NaN	25.944
200	08.692	34.085	NaN	26.322
250	08.368	34.267	NaN	26.513
300	08.044	34.338	NaN	26.616
400	07.188	34.411	NaN	26.795
500	06.386	34.468	NaN	26.947
514	06.269	34.479	NaN	26.970



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
100.55 016 30°51.01 -118°27.67 19072014 05:49 NaN NaN

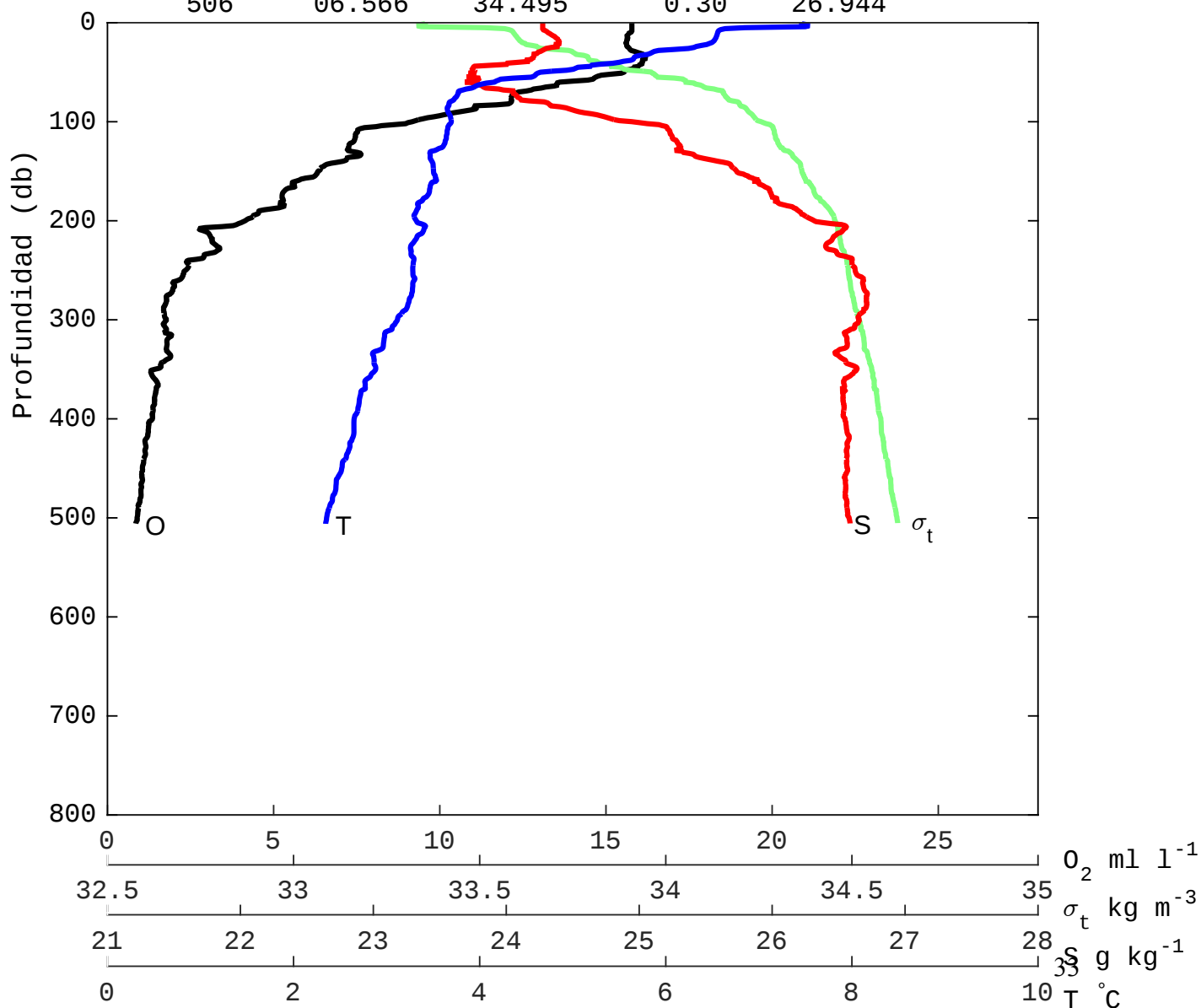
PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
0	20.095	33.630	NaN	23.571
10	18.637	33.614	NaN	23.933
20	17.884	33.612	NaN	24.116
30	16.886	33.643	NaN	24.378
50	15.775	33.557	NaN	24.567
75	13.308	33.425	NaN	24.989
100	11.436	33.500	NaN	25.405
125	10.220	33.652	NaN	25.737
150	09.562	33.885	NaN	26.028
200	08.832	34.148	NaN	26.349
250	09.090	34.422	NaN	26.520
300	07.933	34.355	NaN	26.646
400	07.434	34.466	NaN	26.803
500	06.677	34.506	NaN	26.938
505	06.651	34.509	NaN	26.944



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 100.50 017 31°01.13 -118°07.37 19072014 09:40 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

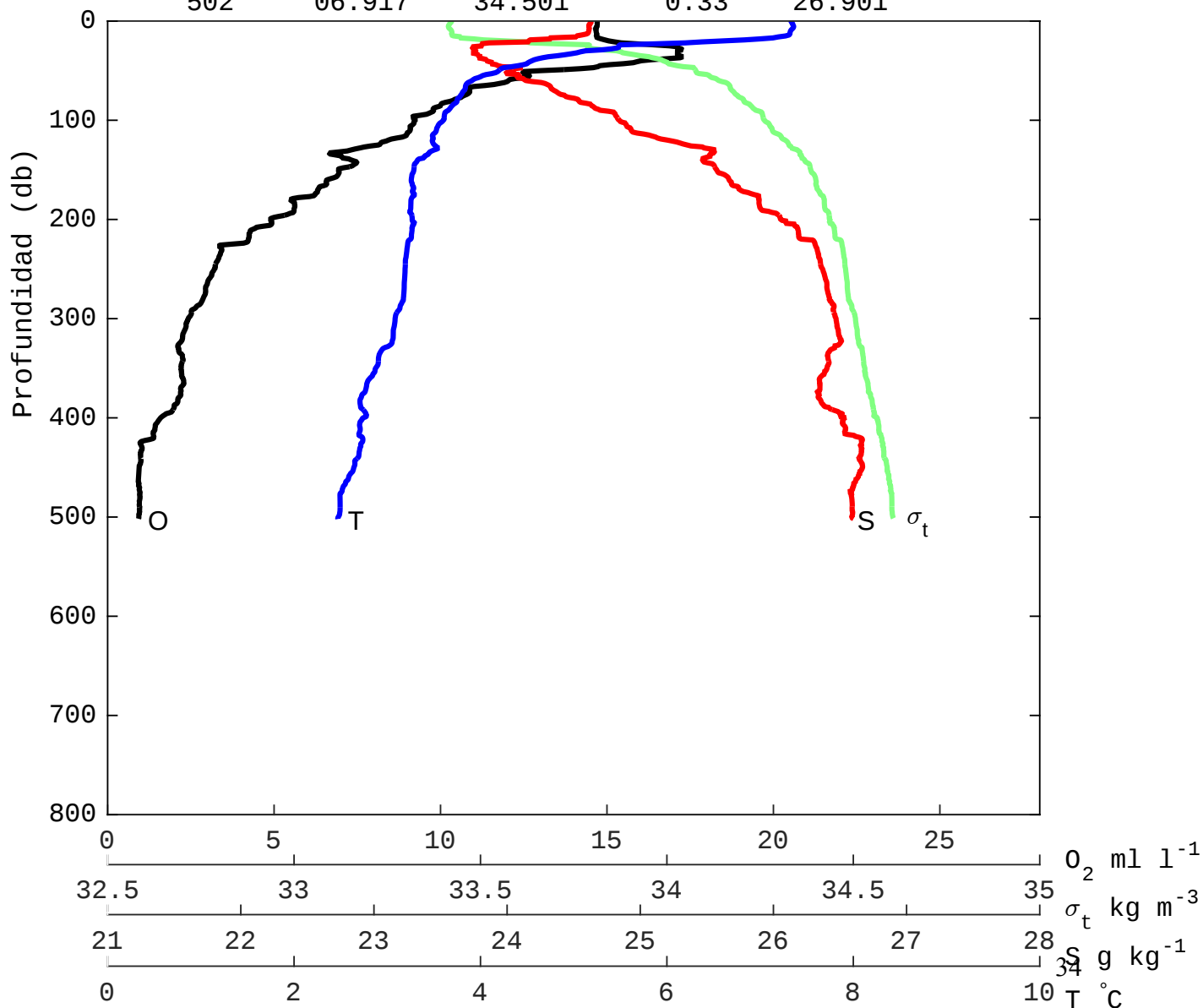
0	20.884	33.669	5.64	23.392
10	18.362	33.683	5.62	24.054
20	18.190	33.712	5.57	24.118
30	16.391	33.655	5.69	24.502
50	13.025	33.489	5.55	25.096
75	10.495	33.599	4.34	25.650
100	10.346	33.909	3.28	25.915
125	10.098	34.040	2.60	26.059
150	09.811	34.190	2.26	26.224
200	09.296	34.398	1.48	26.470
250	09.187	34.509	0.84	26.572
300	08.724	34.521	0.64	26.655
400	07.422	34.482	0.49	26.817
500	06.593	34.492	0.32	26.939
506	06.566	34.495	0.30	26.944



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 100.45 019 31°10.93 -117°48.09 19072014 18:36 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

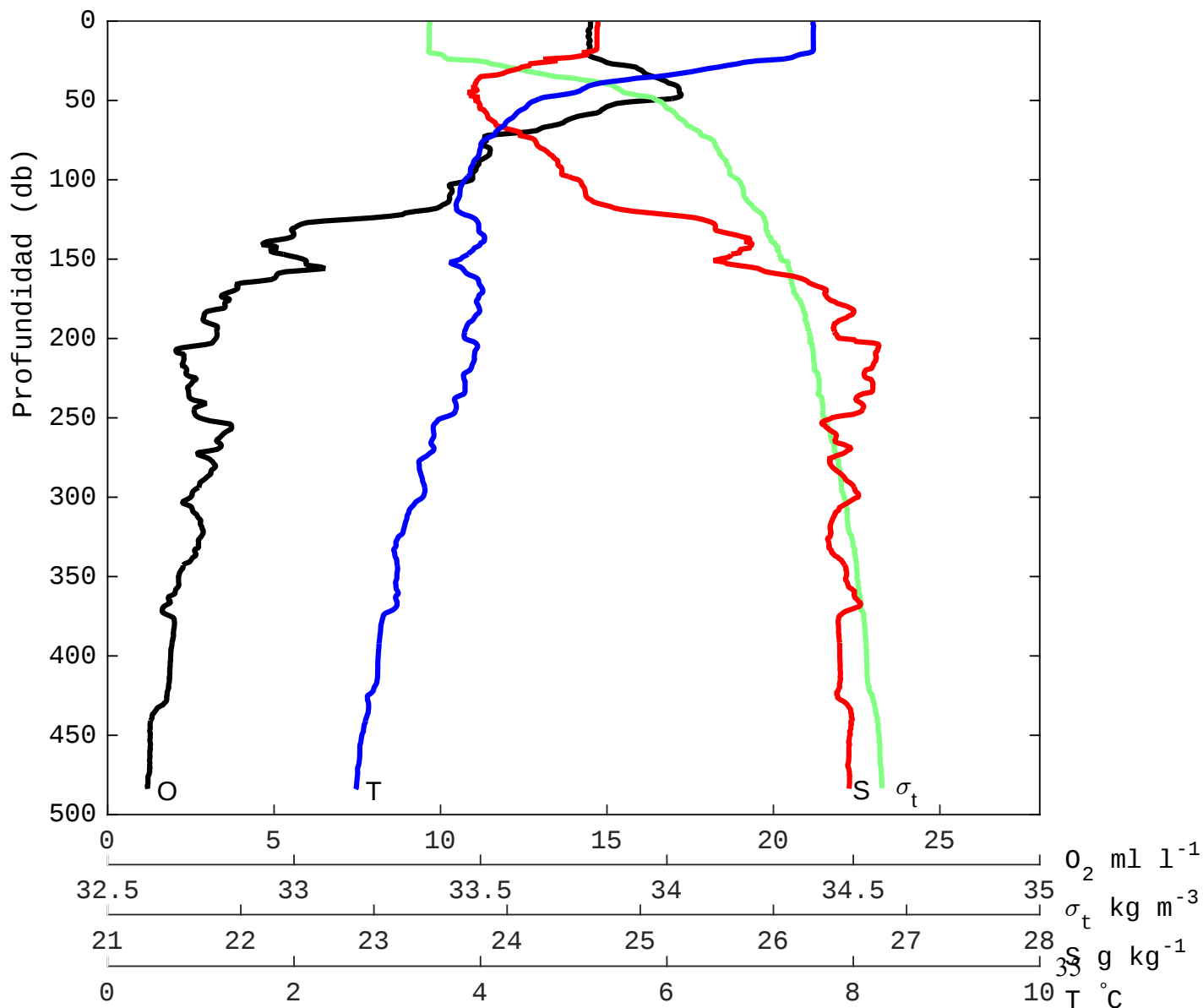
0	20.531	33.796	5.25	23.583
10	20.513	33.791	5.24	23.583
20	18.490	33.630	5.38	23.981
30	14.357	33.487	6.12	24.822
50	11.749	33.589	4.65	25.417
75	10.602	33.727	3.83	25.730
100	10.083	33.873	3.29	25.933
125	09.819	34.054	2.91	26.117
150	09.198	34.133	2.47	26.280
200	09.146	34.306	1.74	26.422
250	08.935	34.417	1.15	26.542
300	08.636	34.454	0.87	26.616
400	07.673	34.480	0.57	26.779
500	06.928	34.496	0.33	26.896
502	06.917	34.501	0.33	26.901



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 100.35 021 31°31.14 -117°06.99 20072014 02:26 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

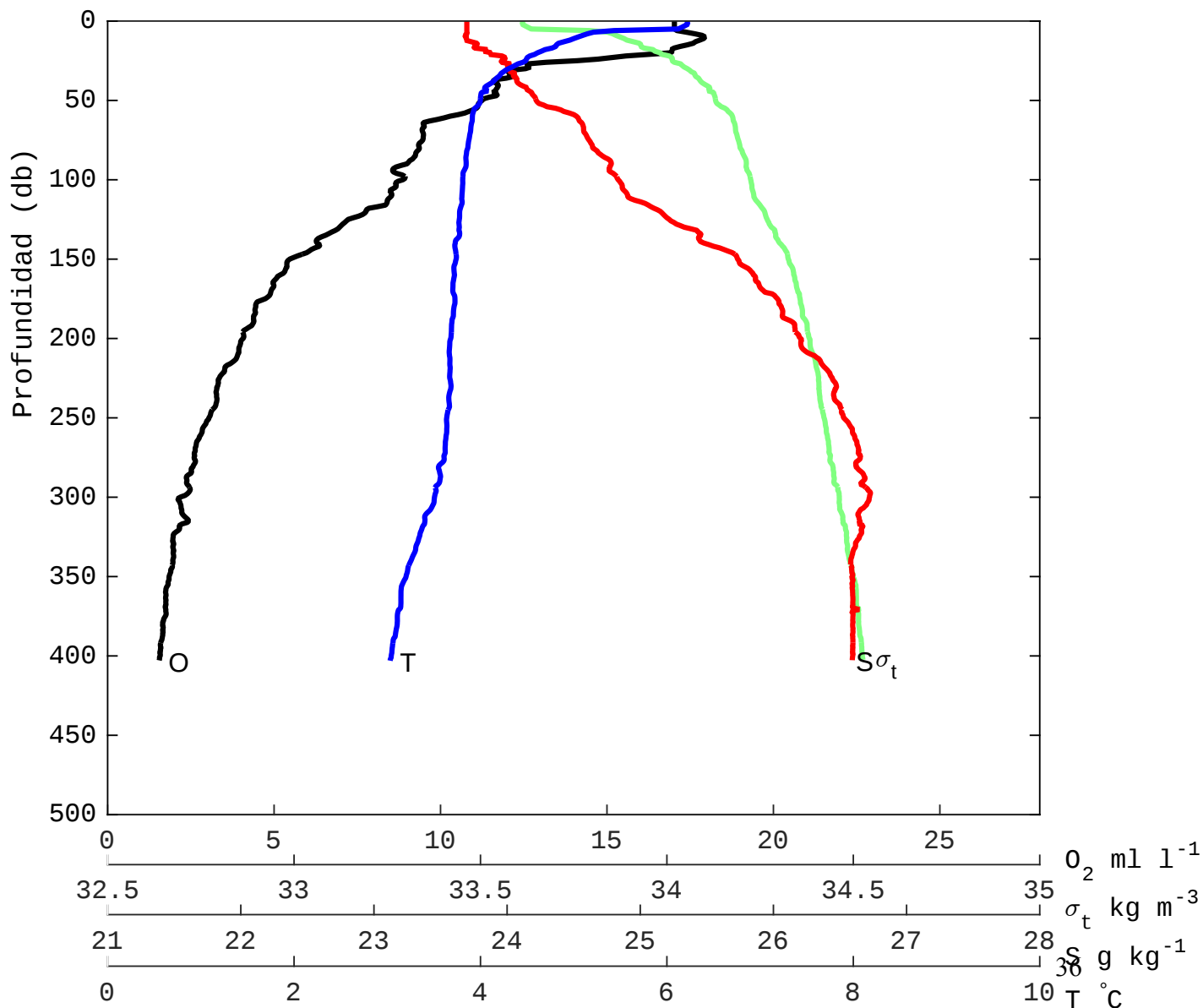
0	21.189	33.815	5.18	23.420
10	21.198	33.812	5.15	23.416
20	21.080	33.773	5.14	23.417
30	18.022	33.604	5.69	24.076
50	12.858	33.484	5.81	25.124
75	11.305	33.646	4.07	25.543
100	10.737	33.762	3.91	25.733
125	11.063	34.094	2.59	25.932
150	10.603	34.143	2.09	26.051
200	10.724	34.461	1.16	26.276
250	10.063	34.444	0.98	26.377
300	09.465	34.515	0.89	26.531
400	08.127	34.464	0.68	26.700
484	07.450	34.488	0.43	26.817



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 100.30 022 31°41.24 -116°46.71 20072014 07:04 NaN NaN

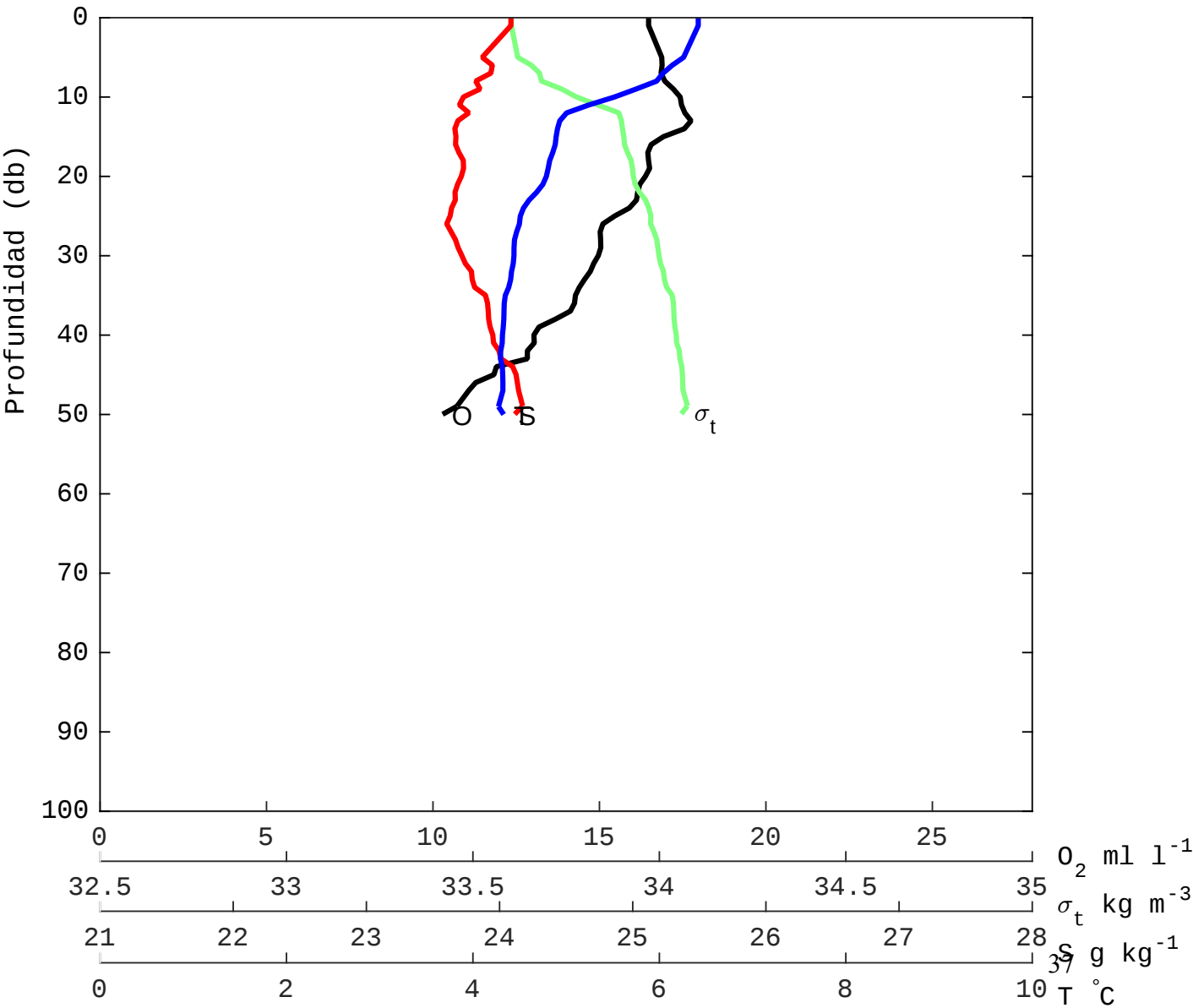
PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

0	17.414	33.463	6.08	24.116
10	14.138	33.460	6.41	24.847
20	12.914	33.529	6.04	25.148
30	12.041	33.576	4.48	25.353
50	11.196	33.649	4.02	25.565
75	10.851	33.791	3.38	25.736
100	10.666	33.869	3.17	25.829
125	10.563	34.006	2.58	25.952
150	10.469	34.189	1.96	26.111
200	10.307	34.358	1.45	26.269
250	10.185	34.474	1.09	26.379
300	09.818	34.544	0.78	26.495
400	08.519	34.498	0.56	26.667
403	08.485	34.497	0.55	26.672



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
103.30 023 31°07.11 -116°24.02 20072014 16:30 NaN NaN

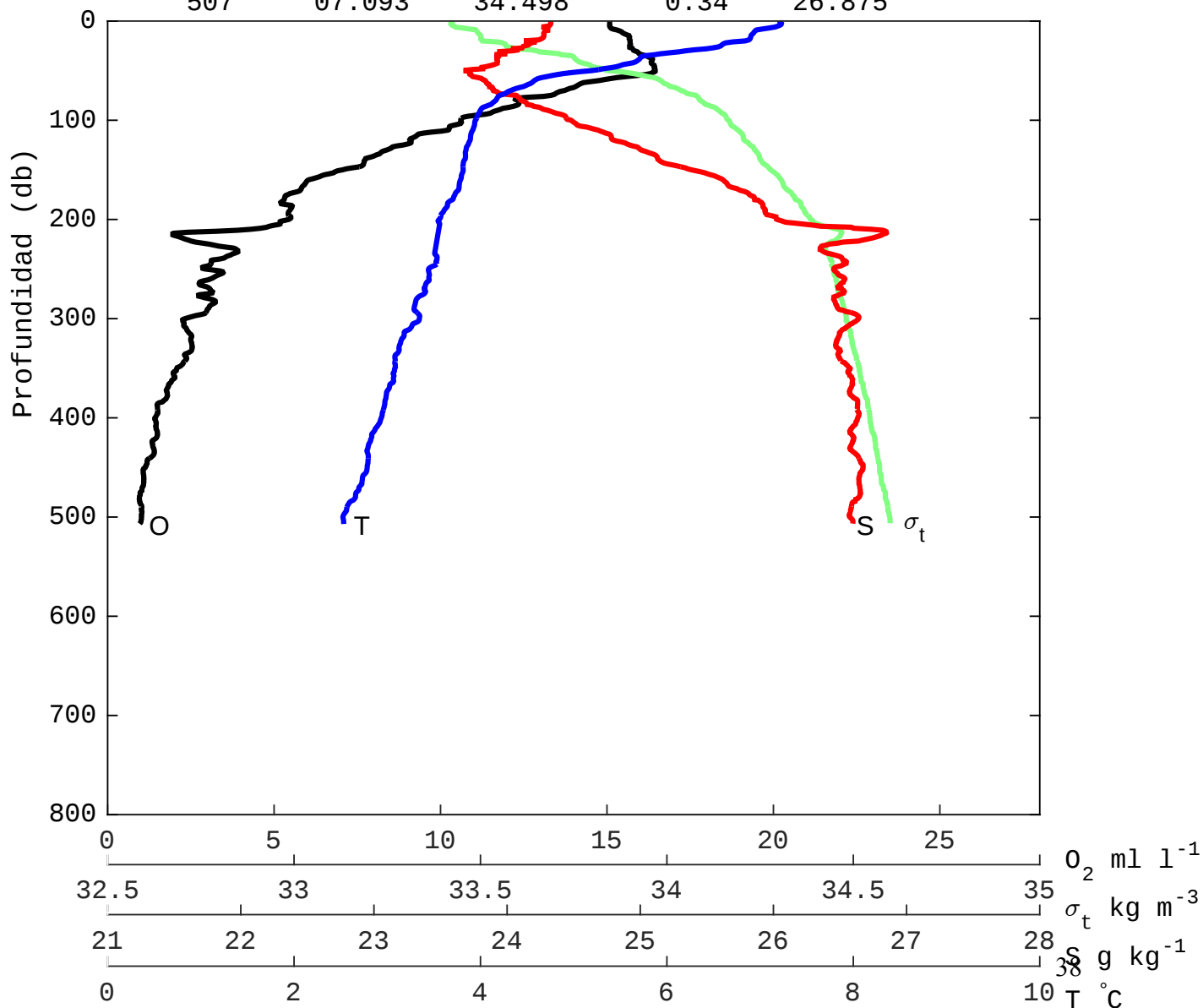
PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
0	17.968	33.602	5.88	24.088
10	15.450	33.475	6.22	24.576
20	13.405	33.469	5.85	25.004
30	12.432	33.470	5.34	25.197
50	12.124	33.612	3.67	25.365



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 103.35 025 30°55.63 -116°45.14 20072014 21:46 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

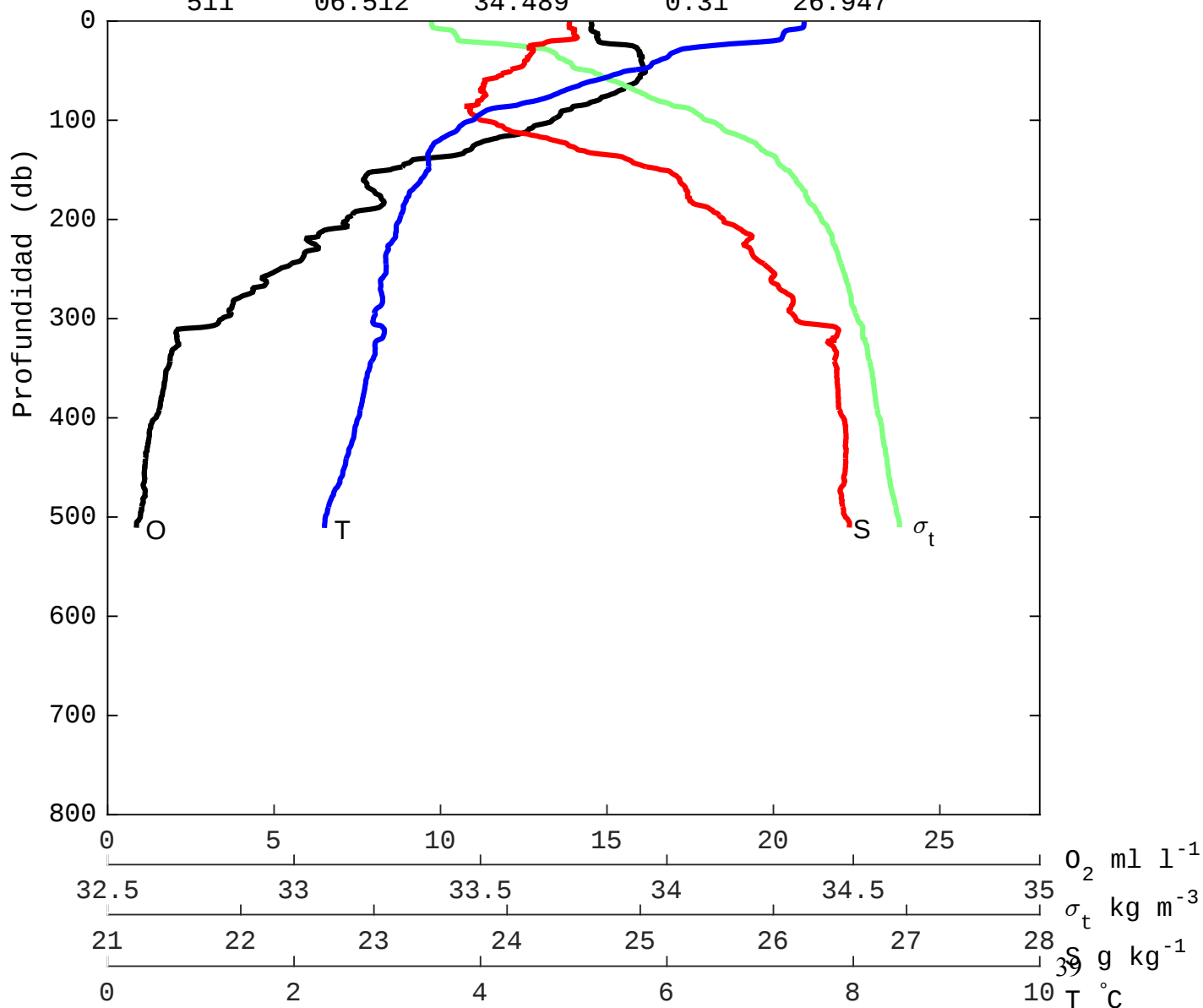
0	20.188	33.689	5.39	23.592
10	19.448	33.671	5.50	23.771
20	19.155	33.617	5.61	23.804
30	17.362	33.586	5.65	24.222
50	14.532	33.455	5.88	24.760
75	11.773	33.597	4.76	25.419
100	11.044	33.743	3.79	25.664
125	10.821	33.900	3.17	25.825
150	10.679	34.065	2.52	25.977
200	09.959	34.294	1.95	26.279
250	09.640	34.447	1.04	26.450
300	09.363	34.514	0.83	26.547
400	08.221	34.512	0.51	26.724
500	07.065	34.489	0.36	26.872
507	07.093	34.498	0.34	26.875



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 103.40 026 30°46.91 -117°07.48 21072014 02:03 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

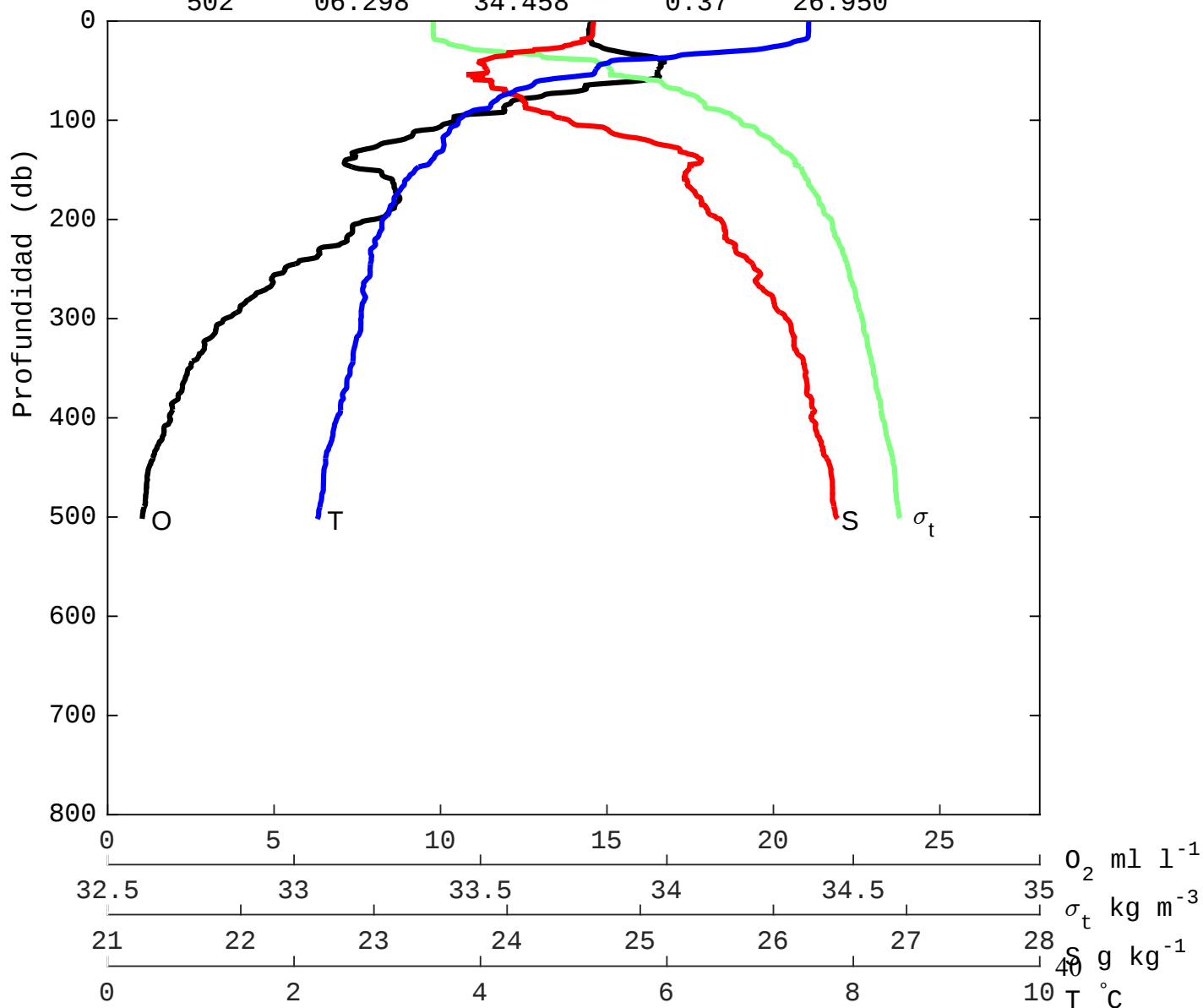
0	20.922	33.739	5.19	23.435
10	20.355	33.750	5.19	23.594
20	19.985	33.690	5.26	23.646
30	17.122	33.644	5.69	24.324
50	15.641	33.581	5.77	24.615
75	13.367	33.515	5.37	25.047
100	10.959	33.501	4.77	25.492
125	09.777	33.734	3.94	25.876
150	09.649	33.982	3.03	26.089
200	08.775	34.151	2.57	26.360
250	08.366	34.275	1.85	26.519
300	07.983	34.345	1.23	26.631
400	07.528	34.474	0.52	26.796
500	06.541	34.477	0.35	26.933
511	06.512	34.489	0.31	26.947



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 103.45 027 30°36.83 -117°24.76 21072014 06:21 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

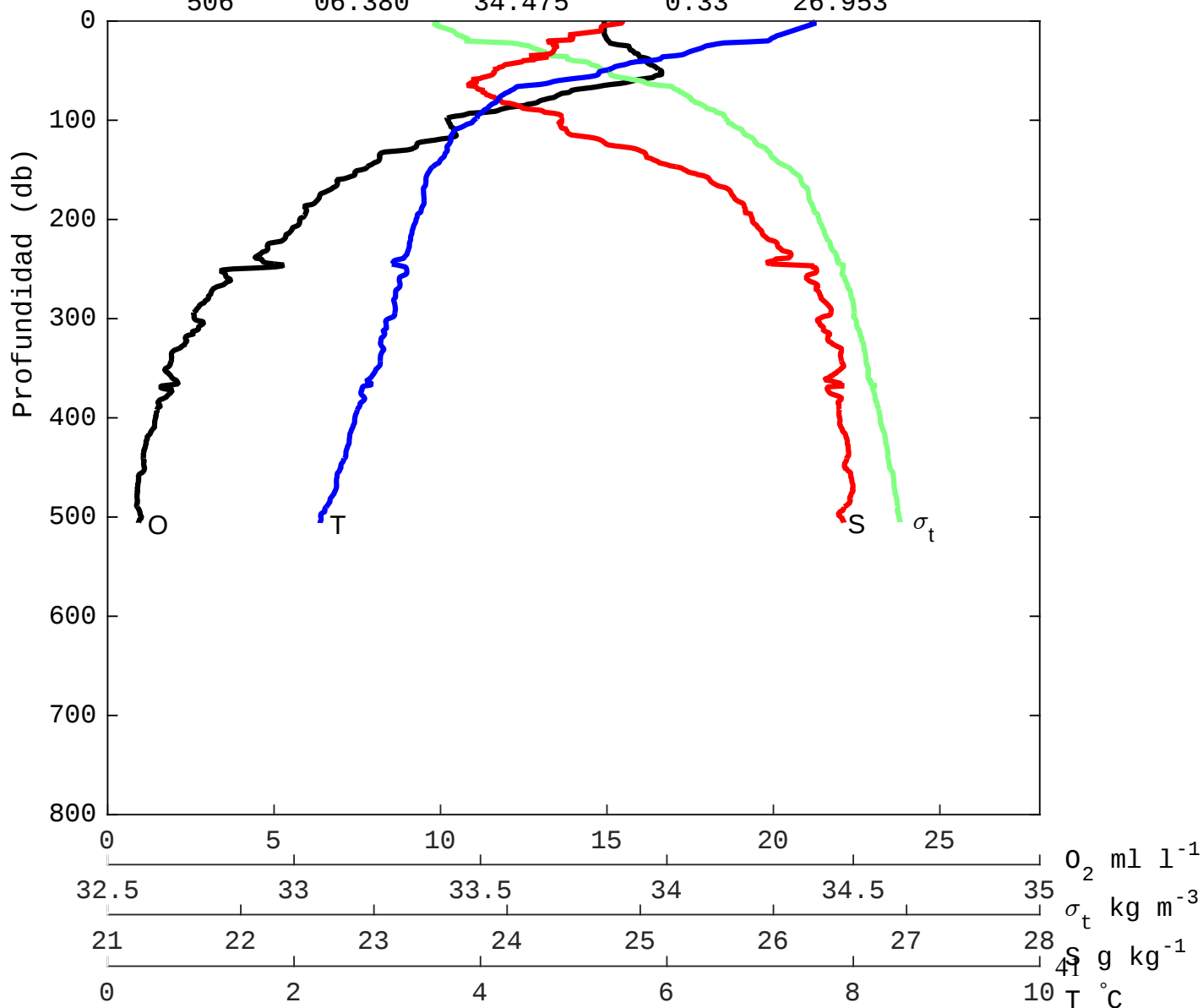
0	21.059	33.803	5.19	23.446
10	21.058	33.801	5.15	23.445
20	20.711	33.782	5.19	23.524
30	19.008	33.646	5.44	23.864
50	14.652	33.518	5.90	24.783
75	11.870	33.597	4.68	25.401
100	10.542	33.737	3.74	25.748
125	10.106	33.988	2.91	26.018
150	09.238	34.058	2.81	26.215
200	08.254	34.146	2.87	26.436
250	07.884	34.234	1.90	26.559
300	07.607	34.320	1.26	26.666
400	06.895	34.387	0.66	26.817
500	06.323	34.454	0.37	26.944
502	06.298	34.458	0.37	26.950



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 103.50 028 30°26.93 -117°44.64 21072014 10:14 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

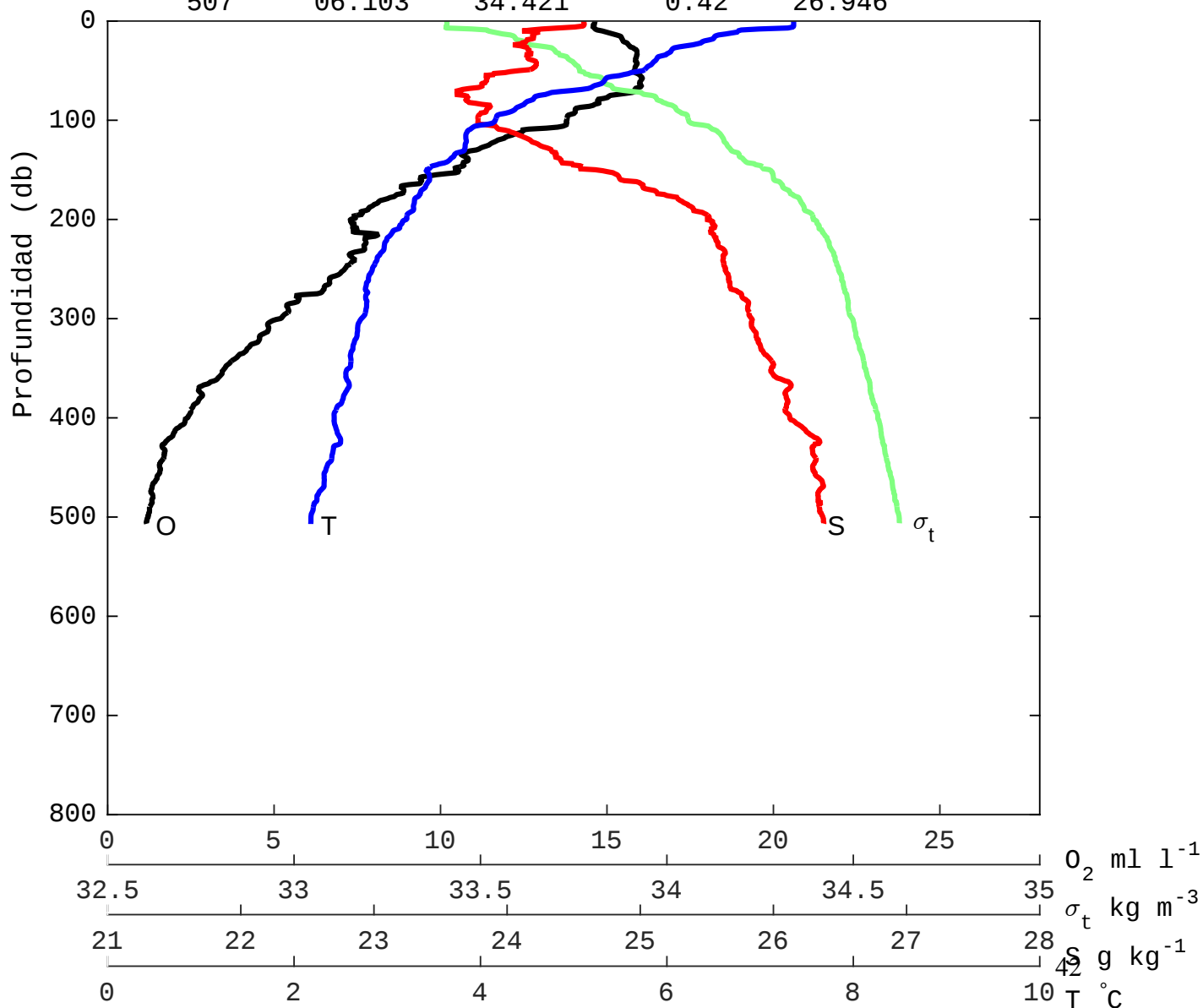
0	21.156	33.881	5.33	23.478
10	20.555	33.823	5.33	23.596
20	19.831	33.682	5.37	23.680
30	17.563	33.696	5.63	24.258
50	14.895	33.536	5.94	24.744
75	11.841	33.523	4.83	25.349
100	11.004	33.717	3.65	25.651
125	10.233	33.844	3.32	25.884
150	09.688	34.047	2.72	26.133
200	09.266	34.230	2.06	26.343
250	08.979	34.401	1.34	26.522
300	08.440	34.411	0.93	26.613
400	07.428	34.463	0.52	26.802
500	06.406	34.465	0.36	26.942
506	06.380	34.475	0.33	26.953



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 103.55 029 30°16.85 -118°04.78 21072014 13:58 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

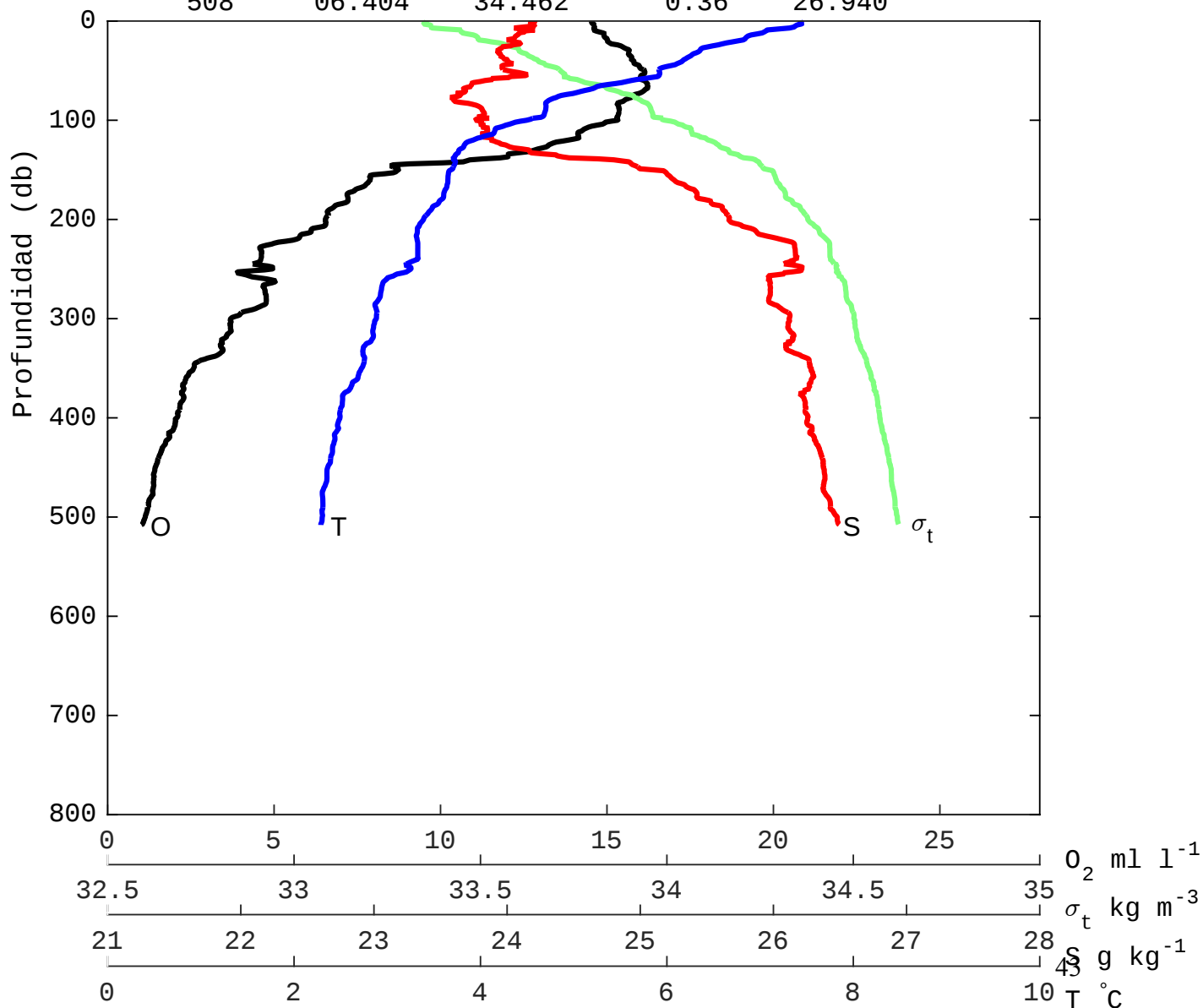
0	20.608	33.777	5.23	23.548
10	18.929	33.612	5.31	23.858
20	17.927	33.623	5.53	24.115
30	16.927	33.634	5.68	24.361
50	16.079	33.603	5.65	24.534
75	12.960	33.457	5.39	25.083
100	11.642	33.496	4.92	25.364
125	10.741	33.657	4.09	25.651
150	09.561	33.808	3.76	25.968
200	08.981	34.104	2.61	26.291
250	07.952	34.157	2.54	26.489
300	07.622	34.227	1.86	26.591
400	06.806	34.330	0.86	26.784
500	06.108	34.418	0.44	26.944
507	06.103	34.421	0.42	26.946



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 103.60 031 30°06.98 -118°24.25 21072014 19:15 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

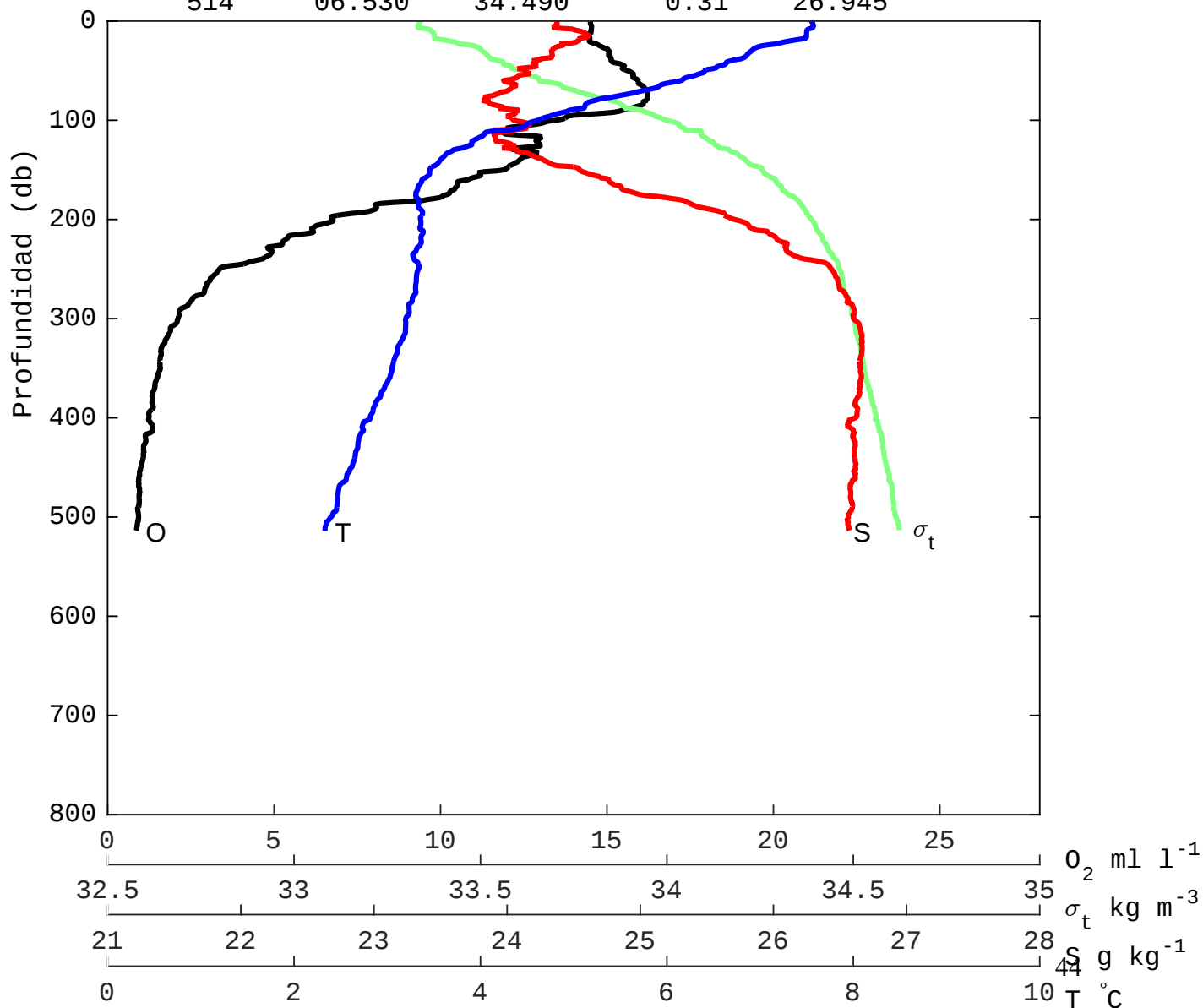
0	20.813	33.646	5.19	23.393
10	19.774	33.618	5.24	23.646
20	18.929	33.591	5.36	23.842
30	17.791	33.544	5.60	24.087
50	16.561	33.573	5.77	24.400
75	13.627	33.446	5.64	24.942
100	12.585	33.486	5.47	25.179
125	10.712	33.567	4.73	25.587
150	10.312	33.959	3.12	25.959
200	09.489	34.165	2.34	26.257
250	09.109	34.361	1.77	26.470
300	08.073	34.328	1.32	26.604
400	06.978	34.379	0.75	26.799
500	06.447	34.457	0.40	26.930
508	06.404	34.462	0.36	26.940



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 103.65 032 29°56.99 -118°44.50 21072014 23:30 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

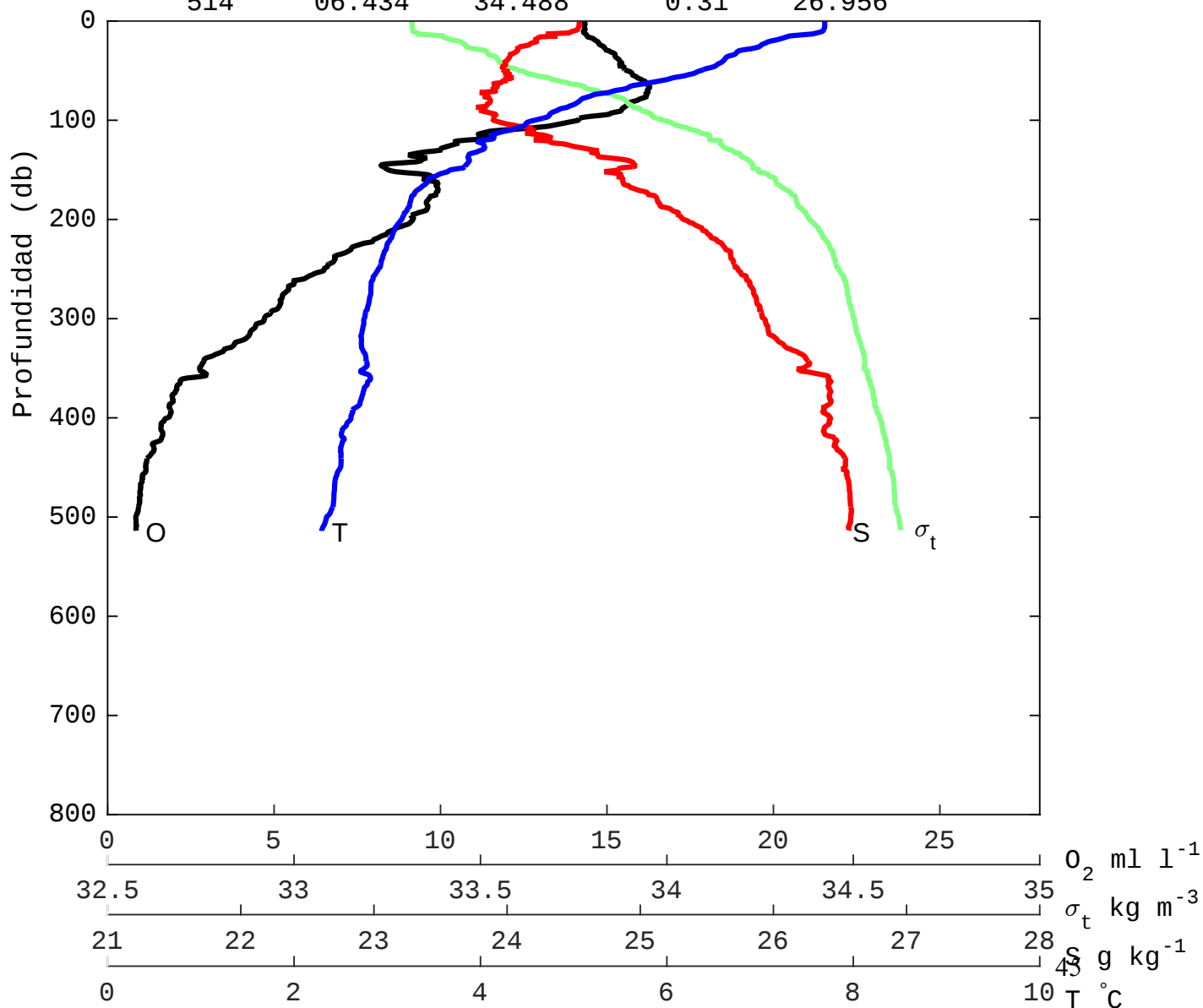
0	21.148	33.705	5.18	23.348
10	21.001	33.765	5.19	23.433
20	20.498	33.759	5.17	23.563
30	19.343	33.690	5.38	23.812
50	17.922	33.618	5.58	24.112
75	15.400	33.537	5.78	24.635
100	12.928	33.589	4.82	25.191
125	10.923	33.583	4.65	25.561
150	09.680	33.766	4.25	25.916
200	09.397	34.179	2.41	26.283
250	09.338	34.440	1.20	26.495
300	08.956	34.500	0.76	26.602
400	07.888	34.507	0.44	26.769
500	06.704	34.487	0.33	26.920
514	06.530	34.490	0.31	26.945



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 103.70 033 29°46.86 -119°04.60 22072014 03:20 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

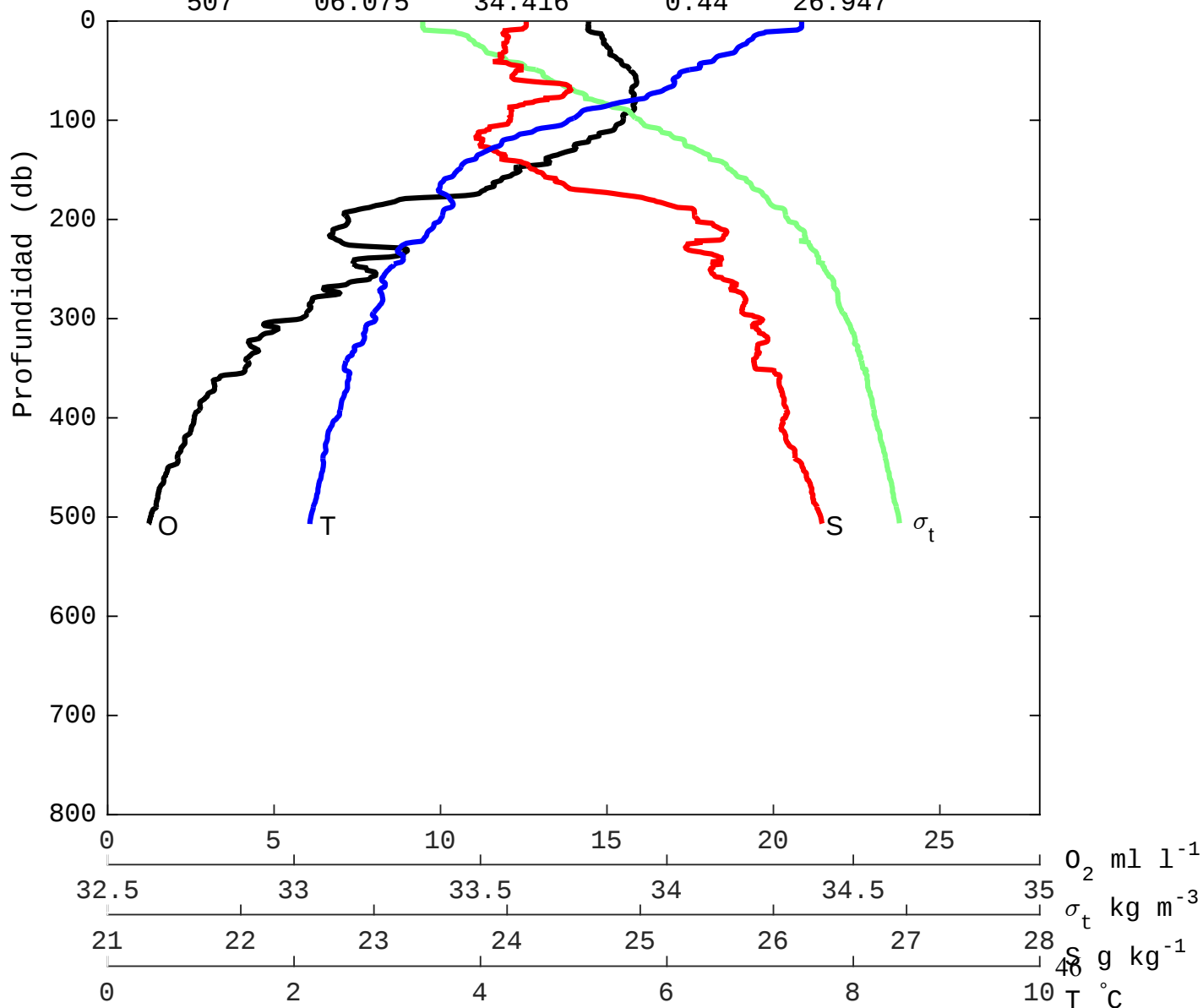
0	21.540	33.765	5.12	23.287
10	21.489	33.750	5.11	23.289
20	19.937	33.654	5.24	23.632
30	18.959	33.599	5.38	23.841
50	17.815	33.562	5.57	24.095
75	14.547	33.512	5.78	24.800
100	12.820	33.534	5.05	25.170
125	11.300	33.736	3.70	25.612
150	10.297	33.874	3.01	25.896
200	08.832	34.043	3.27	26.267
250	08.128	34.192	2.32	26.491
300	07.707	34.260	1.68	26.605
400	07.312	34.438	0.65	26.799
500	06.572	34.493	0.30	26.942
514	06.434	34.488	0.31	26.956



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 103.80 035 29°27.17 -119°43.49 22072014 10:07 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

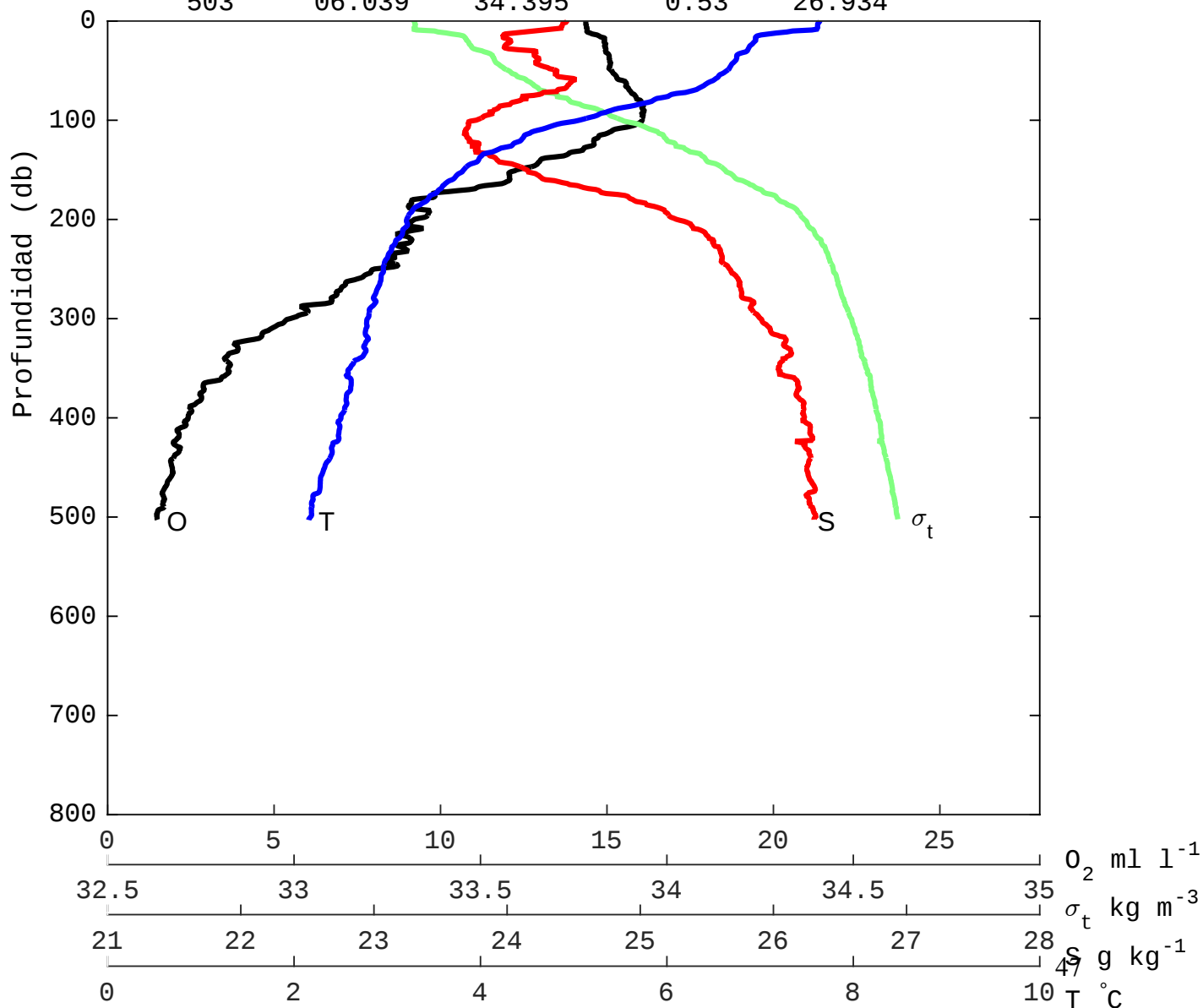
0	20.848	33.623	5.16	23.366
10	20.226	33.560	5.17	23.484
20	19.248	33.571	5.33	23.746
30	18.868	33.569	5.40	23.841
50	17.360	33.596	5.61	24.230
75	16.223	33.724	5.65	24.593
100	13.842	33.583	5.53	25.002
125	11.805	33.499	5.00	25.336
150	10.527	33.647	4.43	25.680
200	09.995	34.082	2.58	26.108
250	08.462	34.115	2.78	26.380
300	08.061	34.251	2.08	26.546
400	06.888	34.320	0.93	26.765
500	06.104	34.413	0.46	26.940
507	06.075	34.416	0.44	26.947



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 103.90 036 29°06.88 -120°23.57 22072014 19:05 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

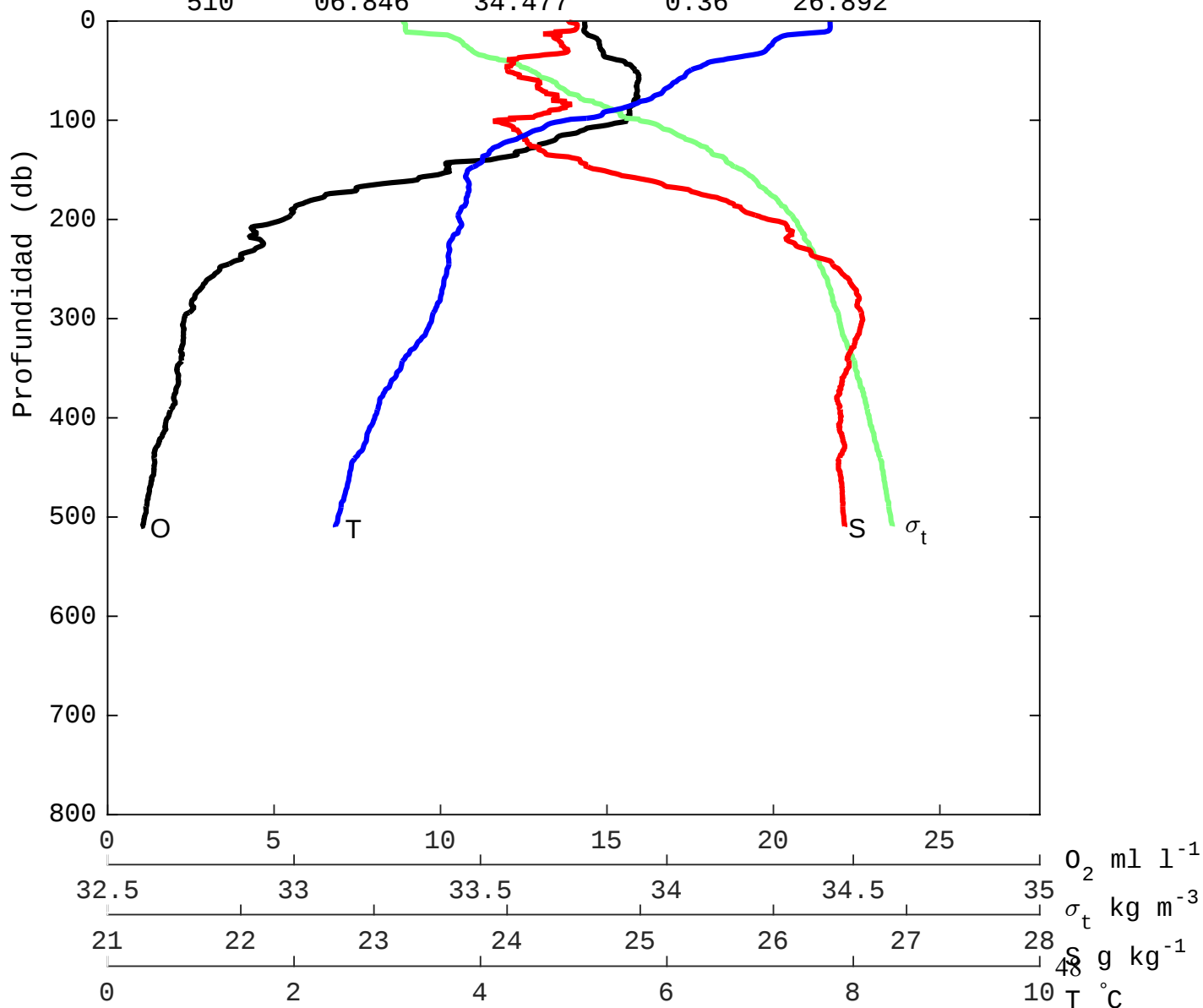
0	21.390	33.731	5.13	23.302
10	20.578	33.644	5.14	23.455
20	19.456	33.583	5.33	23.702
30	19.215	33.644	5.34	23.809
50	18.599	33.704	5.40	24.011
75	16.881	33.643	5.66	24.379
100	14.164	33.489	5.73	24.863
125	12.160	33.495	5.22	25.267
150	10.695	33.624	4.39	25.633
200	08.985	34.025	3.29	26.229
250	08.282	34.168	2.86	26.448
300	07.803	34.251	1.96	26.583
400	07.011	34.369	0.86	26.786
500	06.092	34.399	0.53	26.931
503	06.039	34.395	0.53	26.934



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 103.105 037 28°36.86 -121°22.81 23072014 02:49 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

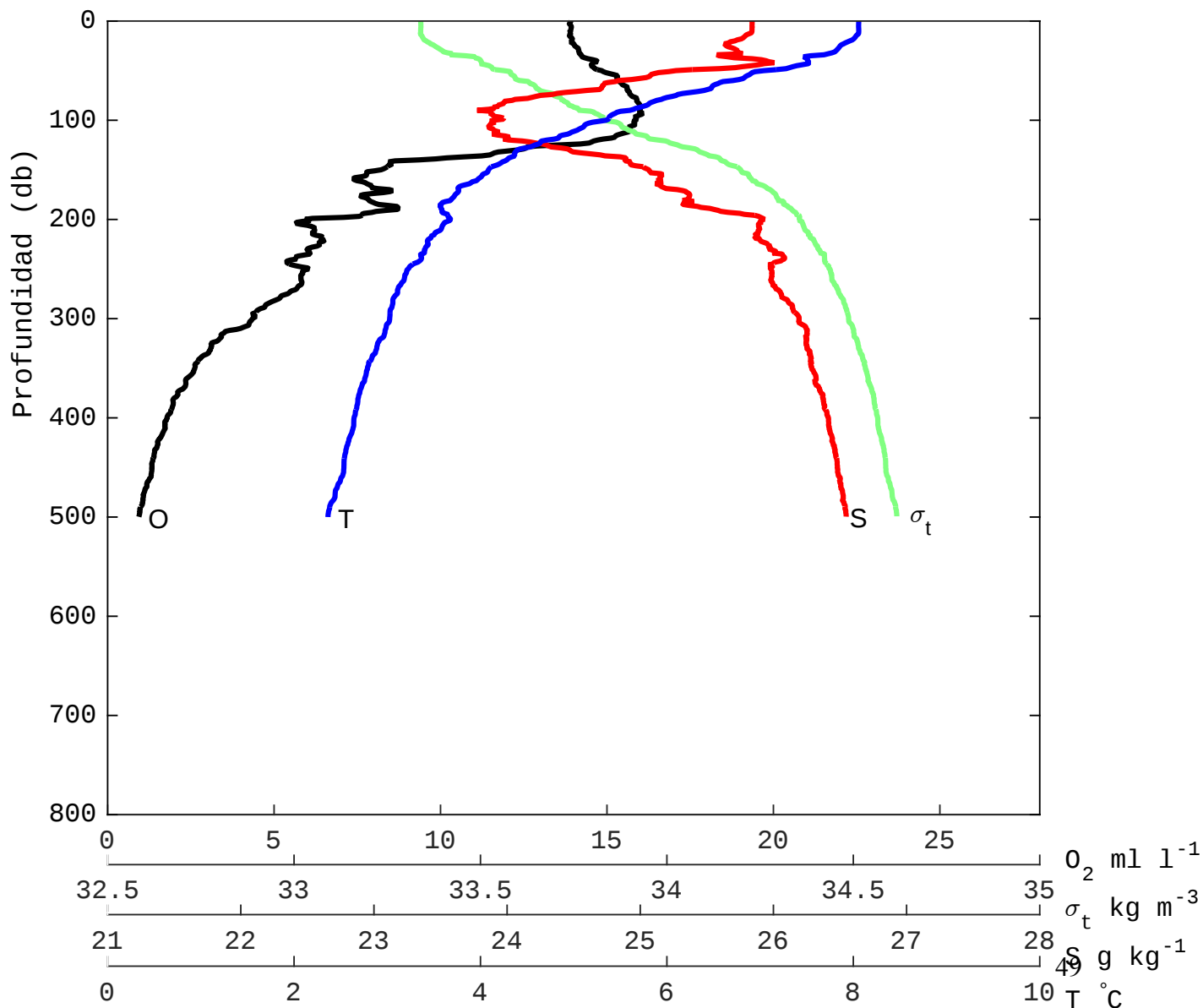
0	21.700	33.736	5.12	23.221
10	21.650	33.741	5.11	23.238
20	20.033	33.709	5.27	23.648
30	19.767	33.735	5.31	23.737
50	17.492	33.572	5.65	24.180
75	16.441	33.710	5.67	24.533
100	13.766	33.547	5.56	24.991
125	11.786	33.636	4.61	25.446
150	10.826	33.819	3.63	25.761
200	10.571	34.270	1.89	26.156
250	10.196	34.461	1.21	26.368
300	09.741	34.525	0.82	26.493
400	08.024	34.466	0.65	26.718
500	06.920	34.475	0.40	26.881
510	06.846	34.477	0.36	26.892



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 107.105 038 28°01.56 -120°58.18 23072014 09:06 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

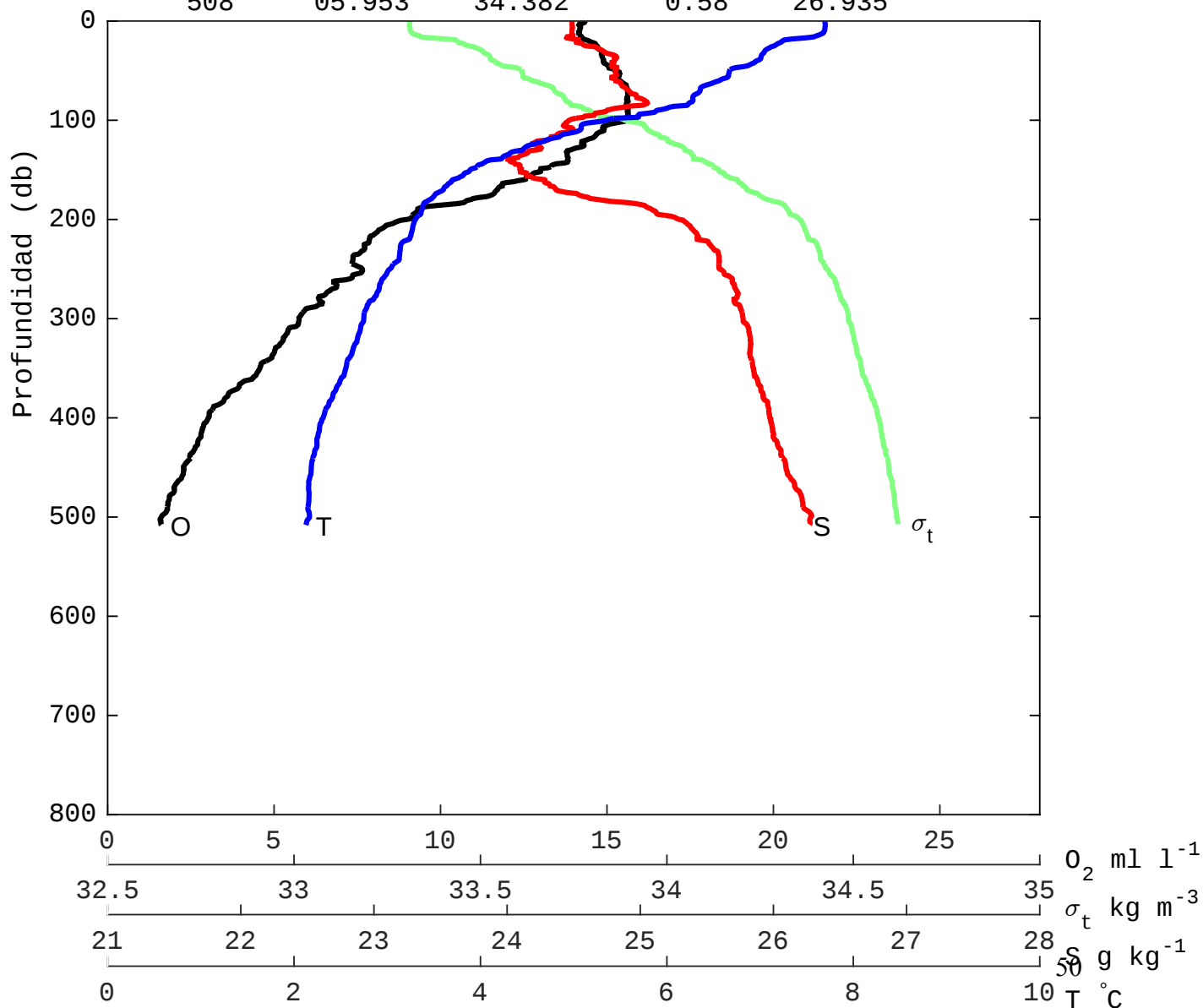
0	22.562	34.229	4.97	23.352
10	22.564	34.228	4.96	23.351
20	22.294	34.182	4.98	23.392
30	21.878	34.190	5.05	23.515
50	19.708	34.024	5.30	23.972
75	17.076	33.661	5.62	24.347
100	14.970	33.537	5.66	24.729
125	12.831	33.678	4.83	25.279
150	11.440	33.951	2.93	25.753
200	10.300	34.262	2.12	26.196
250	09.023	34.278	2.16	26.419
300	08.472	34.354	1.56	26.564
400	07.403	34.432	0.64	26.782
500	06.618	34.481	0.33	26.926



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 107.90 039 28°31.63 -119°59.41 23072014 17:39 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

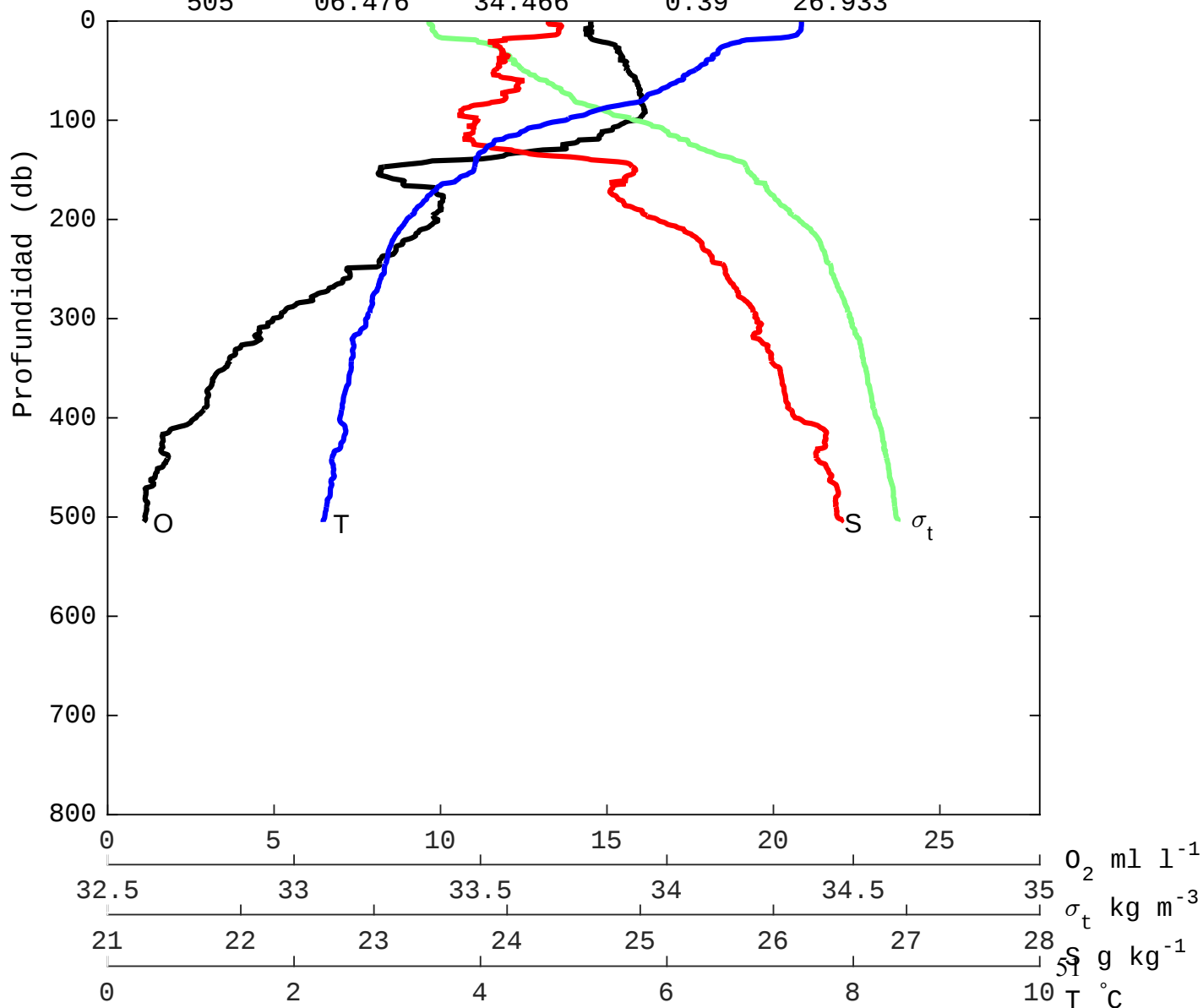
0	21.549	33.746	5.12	23.269
10	21.532	33.744	5.07	23.273
20	20.268	33.761	5.16	23.626
30	19.744	33.829	5.30	23.814
50	18.681	33.861	5.45	24.109
75	17.605	33.920	5.59	24.419
100	14.969	33.738	5.58	24.883
125	12.686	33.650	5.12	25.285
150	10.888	33.612	4.64	25.590
200	09.247	34.032	3.22	26.193
250	08.477	34.141	2.73	26.398
300	07.693	34.204	2.05	26.563
400	06.472	34.275	1.09	26.786
500	06.064	34.388	0.58	26.926
508	05.953	34.382	0.58	26.935



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 107.80 040 28°51.58 -119°20.24 23072014 23:24 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

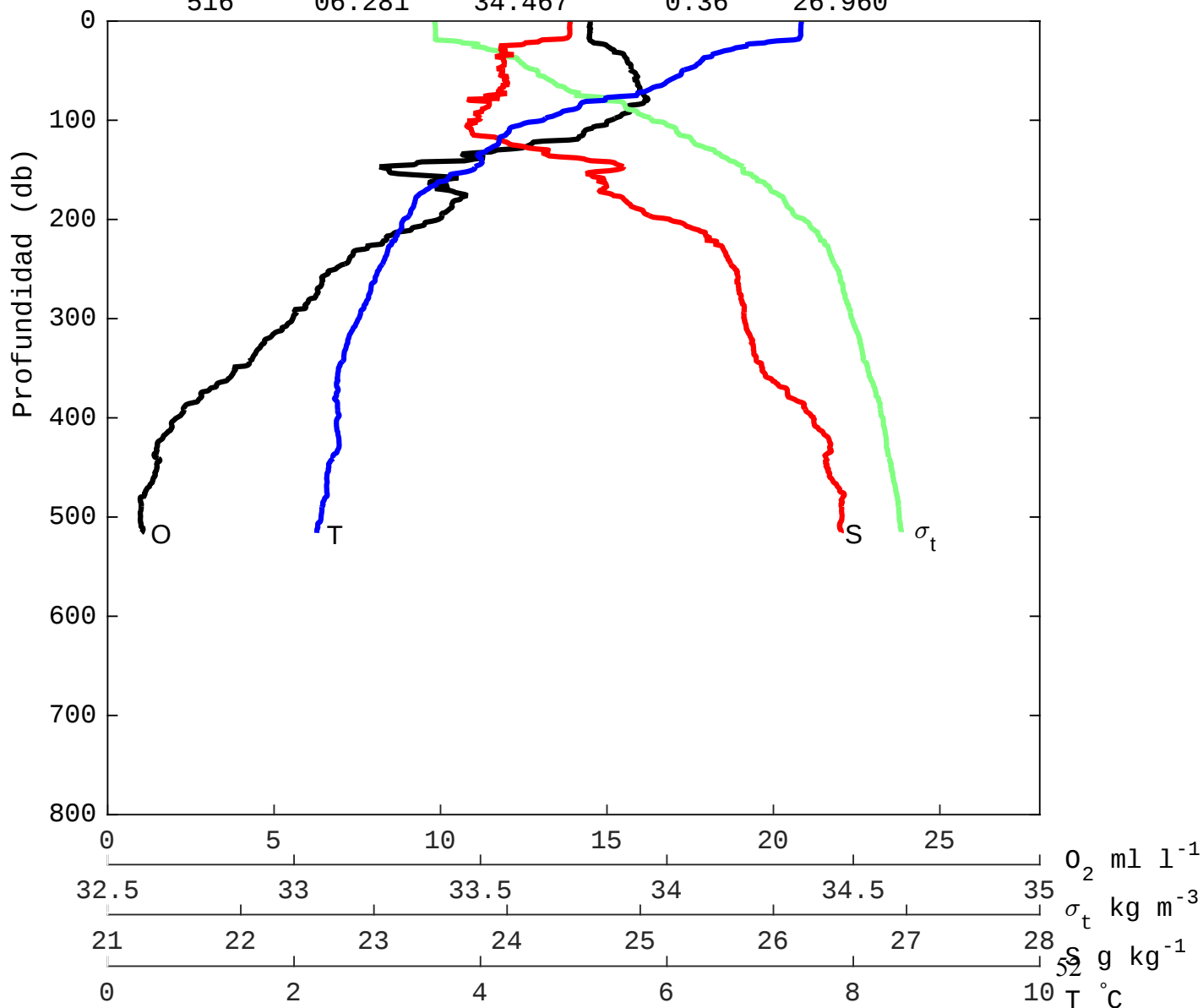
0	20.843	33.682	5.18	23.413
10	20.804	33.710	5.19	23.444
20	19.044	33.550	5.26	23.781
30	18.334	33.562	5.45	23.968
50	17.618	33.536	5.59	24.123
75	16.206	33.566	5.73	24.476
100	13.752	33.494	5.66	24.952
125	11.494	33.492	4.86	25.389
150	11.000	33.917	2.93	25.806
200	08.987	33.974	3.54	26.189
250	08.309	34.157	2.56	26.436
300	07.762	34.242	1.77	26.583
400	06.981	34.341	0.95	26.769
500	06.520	34.457	0.40	26.921
505	06.476	34.466	0.39	26.933



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 107.75 041 29°01.59 -119°00.49 24072014 03:00 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

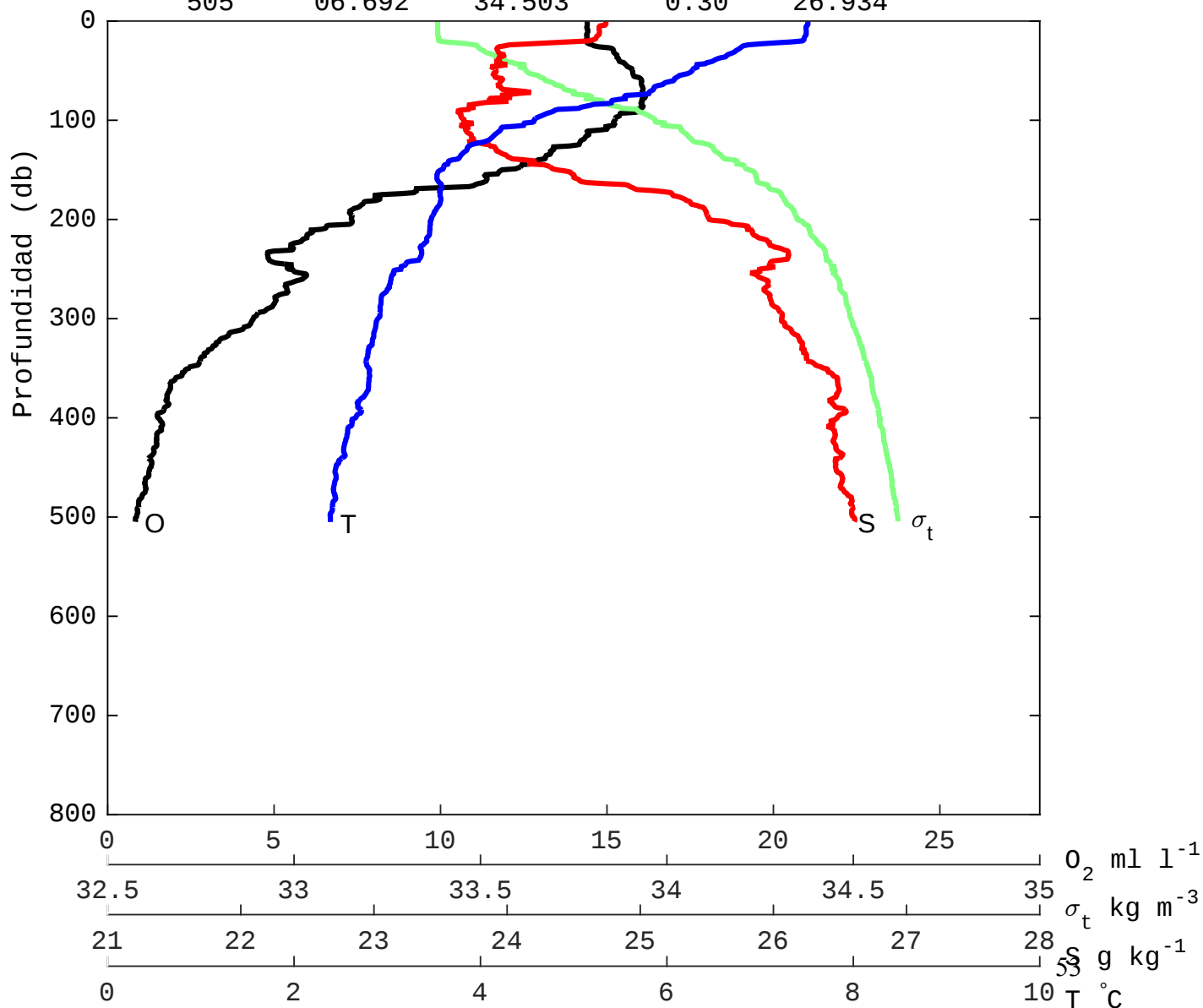
0	20.838	33.740	5.18	23.458
10	20.819	33.740	5.17	23.463
20	20.095	33.659	5.18	23.594
30	18.526	33.572	5.44	23.928
50	17.258	33.562	5.61	24.228
75	15.926	33.521	5.76	24.506
100	13.081	33.491	5.40	25.085
125	11.692	33.586	4.53	25.425
150	10.967	33.866	3.04	25.772
200	08.889	34.008	3.55	26.231
250	08.162	34.182	2.45	26.477
300	07.541	34.207	1.99	26.587
400	06.911	34.396	0.74	26.822
500	06.412	34.470	0.35	26.945
516	06.281	34.467	0.36	26.960



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 107.70 042 29°11.65 -118°40.71 24072014 06:19 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

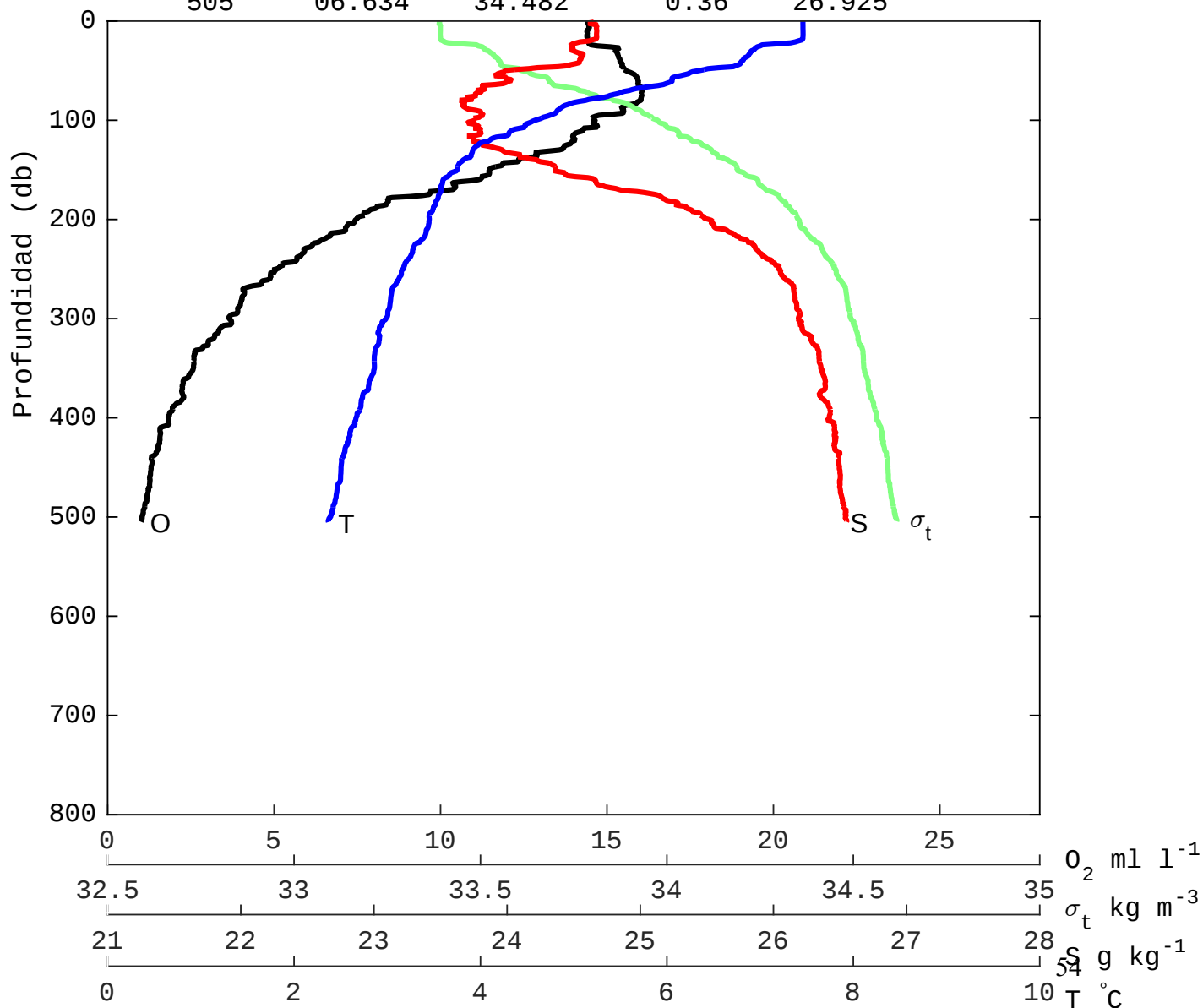
0	21.036	33.836	5.15	23.478
10	20.985	33.819	5.16	23.478
20	20.875	33.791	5.13	23.486
30	18.866	33.548	5.43	23.825
50	17.559	33.542	5.63	24.141
75	15.545	33.553	5.75	24.615
100	12.815	33.458	5.44	25.112
125	10.895	33.526	5.04	25.523
150	10.014	33.704	4.23	25.812
200	09.725	34.111	2.62	26.176
250	08.864	34.253	1.93	26.425
300	08.118	34.309	1.56	26.582
400	07.450	34.459	0.54	26.795
500	06.689	34.500	0.31	26.932
505	06.692	34.503	0.30	26.934



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 107.65 043 29°21.47 -118°20.93 24072014 10:14 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

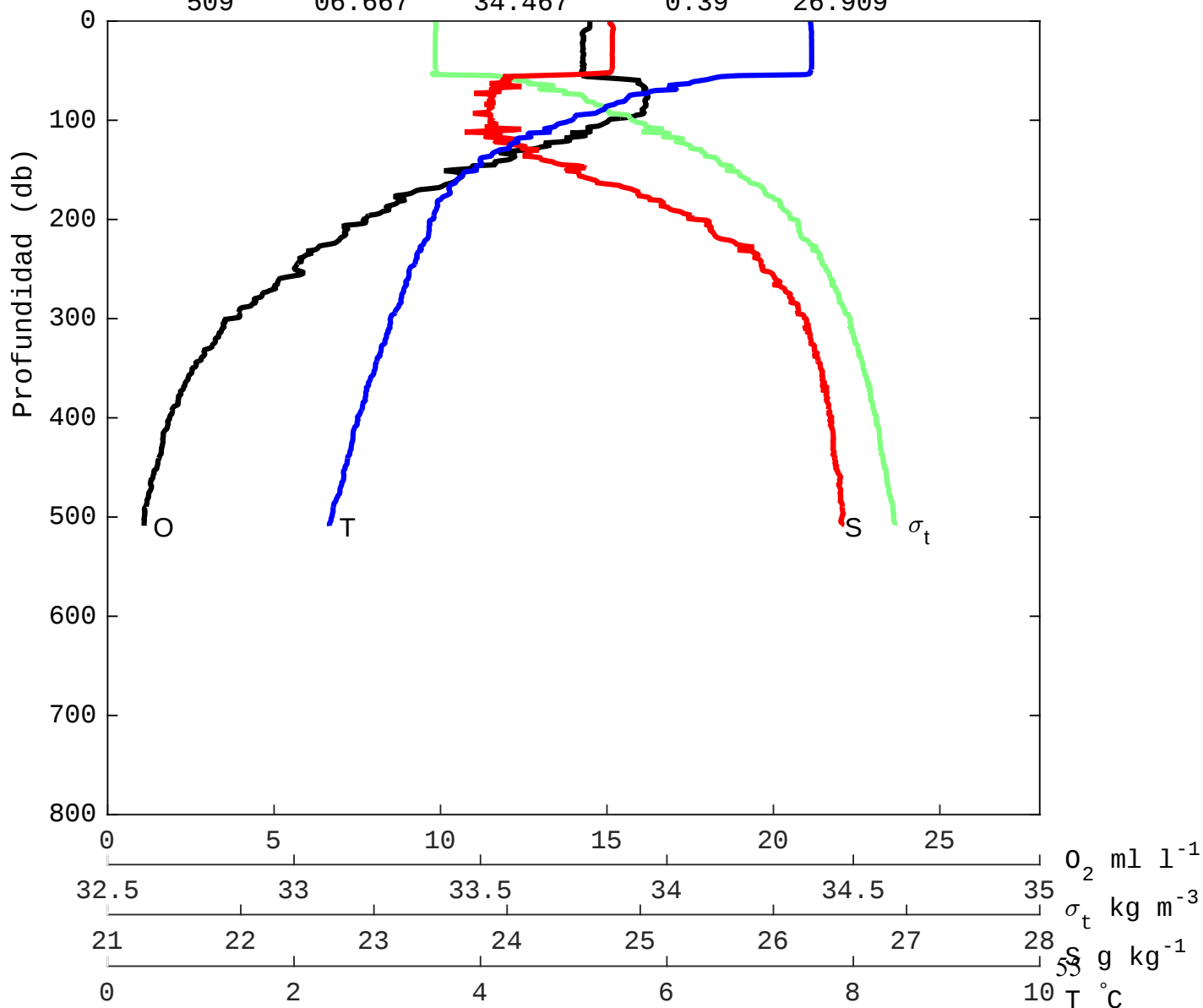
0	20.886	33.805	5.15	23.494
10	20.889	33.812	5.14	23.499
20	20.747	33.792	5.16	23.522
30	19.336	33.749	5.45	23.859
50	17.762	33.563	5.56	24.108
75	15.089	33.491	5.73	24.668
100	12.839	33.485	5.23	25.128
125	11.133	33.503	4.92	25.462
150	10.496	33.704	4.09	25.730
200	09.662	34.111	2.67	26.186
250	08.879	34.299	1.81	26.458
300	08.357	34.354	1.30	26.582
400	07.461	34.436	0.65	26.776
500	06.696	34.476	0.38	26.912
505	06.634	34.482	0.36	26.925



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 99.99 044 29°05.65 -118°12.65 24072014 13:44 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

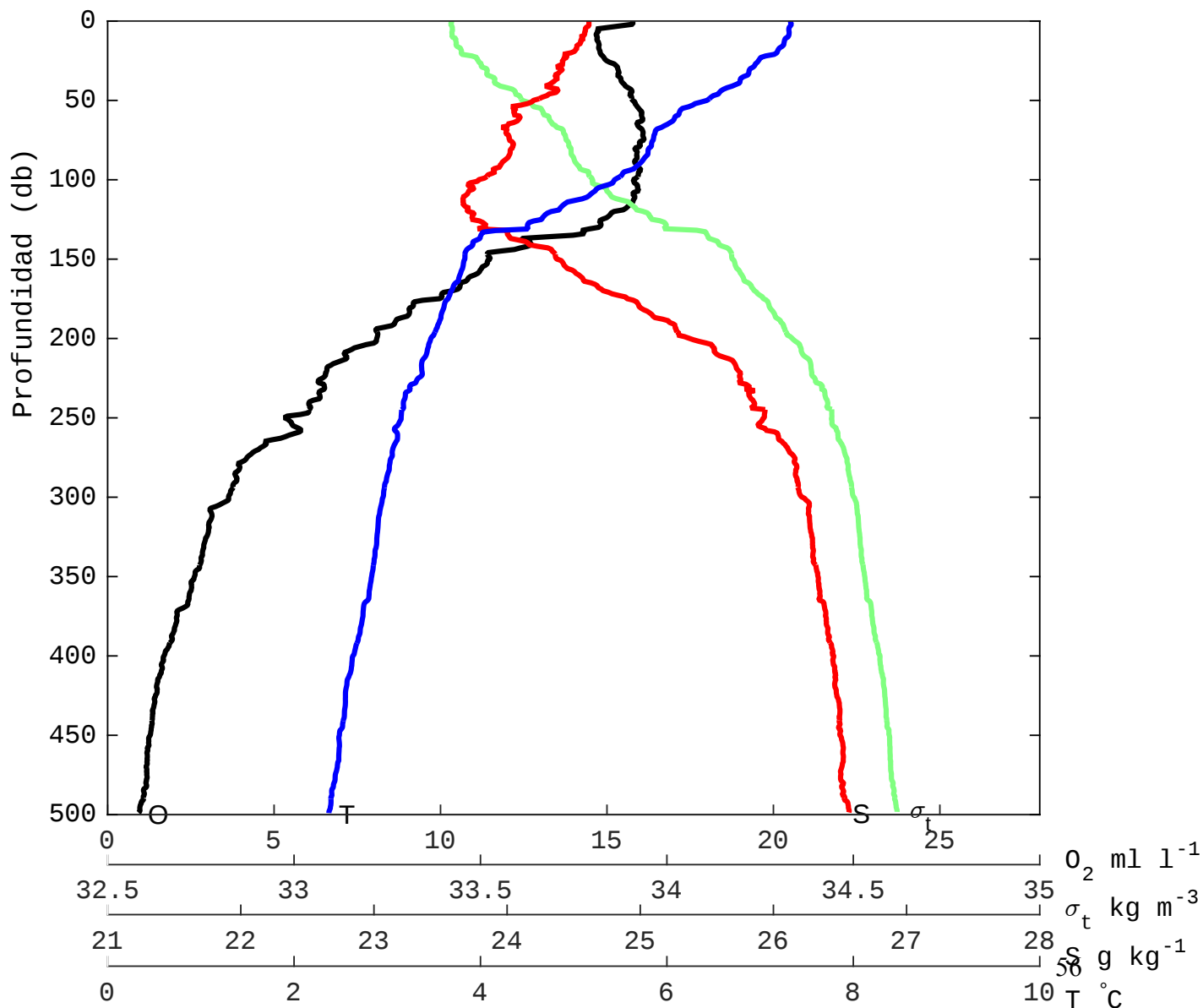
0	21.116	33.847	5.17	23.464
10	21.143	33.854	5.11	23.462
20	21.147	33.854	5.11	23.461
30	21.148	33.854	5.09	23.460
50	21.123	33.851	5.08	23.465
75	15.668	33.530	5.78	24.570
100	13.944	33.522	5.37	24.934
125	12.074	33.594	4.76	25.359
150	11.122	33.731	3.72	25.640
200	09.757	34.073	2.74	26.141
250	09.072	34.256	2.00	26.394
300	08.491	34.370	1.33	26.574
400	07.506	34.443	0.66	26.775
500	06.734	34.468	0.39	26.901
509	06.667	34.467	0.39	26.909



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 99.99 045 29°03.26 -118°23.88 24072014 19:18 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

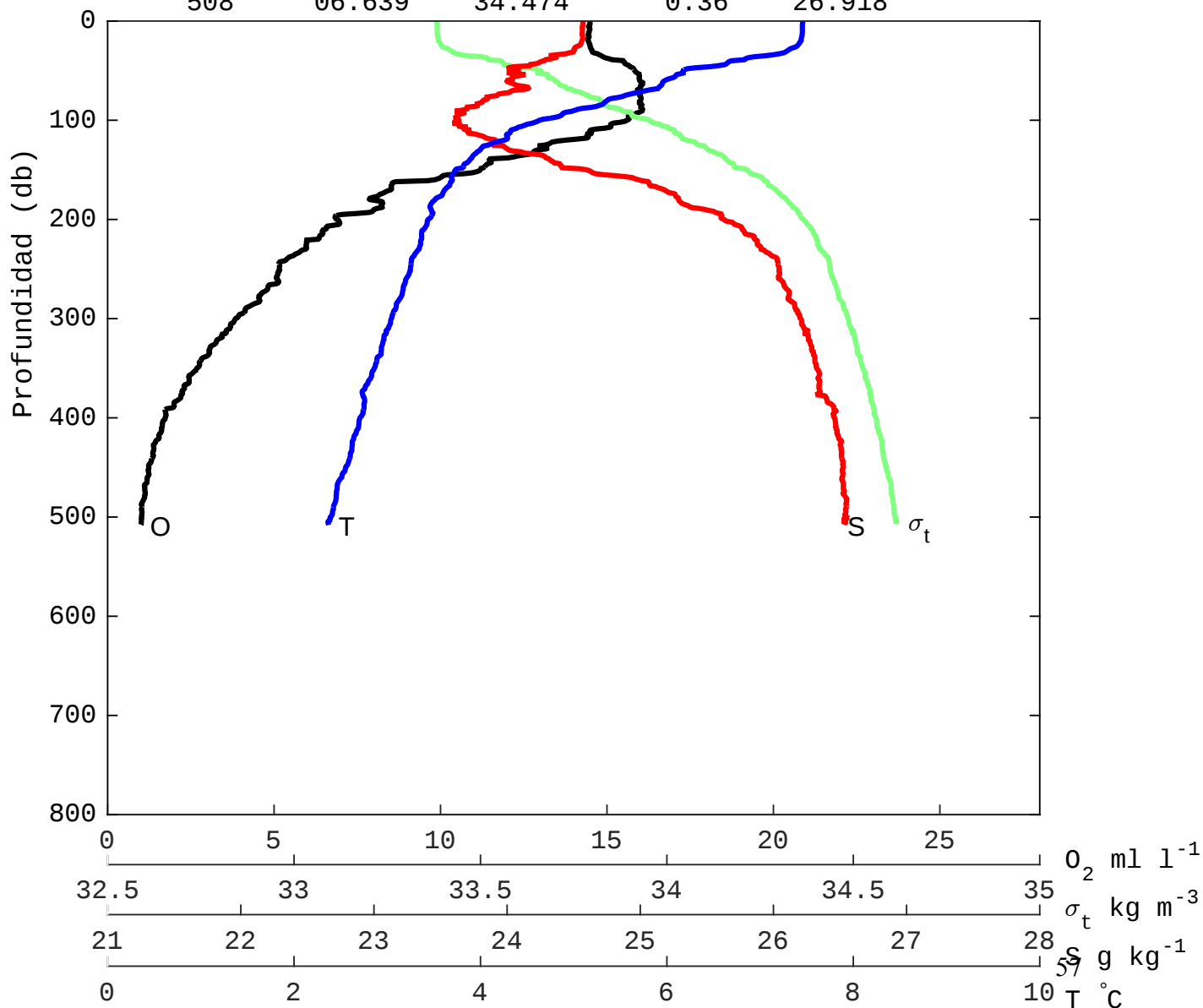
0	20.516	33.791	5.63	23.582
10	20.436	33.767	5.26	23.586
20	20.103	33.743	5.28	23.655
30	19.304	33.721	5.47	23.845
50	18.000	33.642	5.63	24.111
75	16.388	33.576	5.75	24.443
100	15.228	33.496	5.64	24.641
125	13.040	33.475	5.30	25.080
150	10.729	33.704	4.11	25.689
200	09.709	34.059	2.89	26.138
250	08.817	34.261	1.89	26.439
300	08.272	34.361	1.30	26.600
400	07.367	34.447	0.61	26.798
499	06.647	34.488	0.33	26.928



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 107.60 046 29°31.56 -118°01.22 25072014 01:13 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

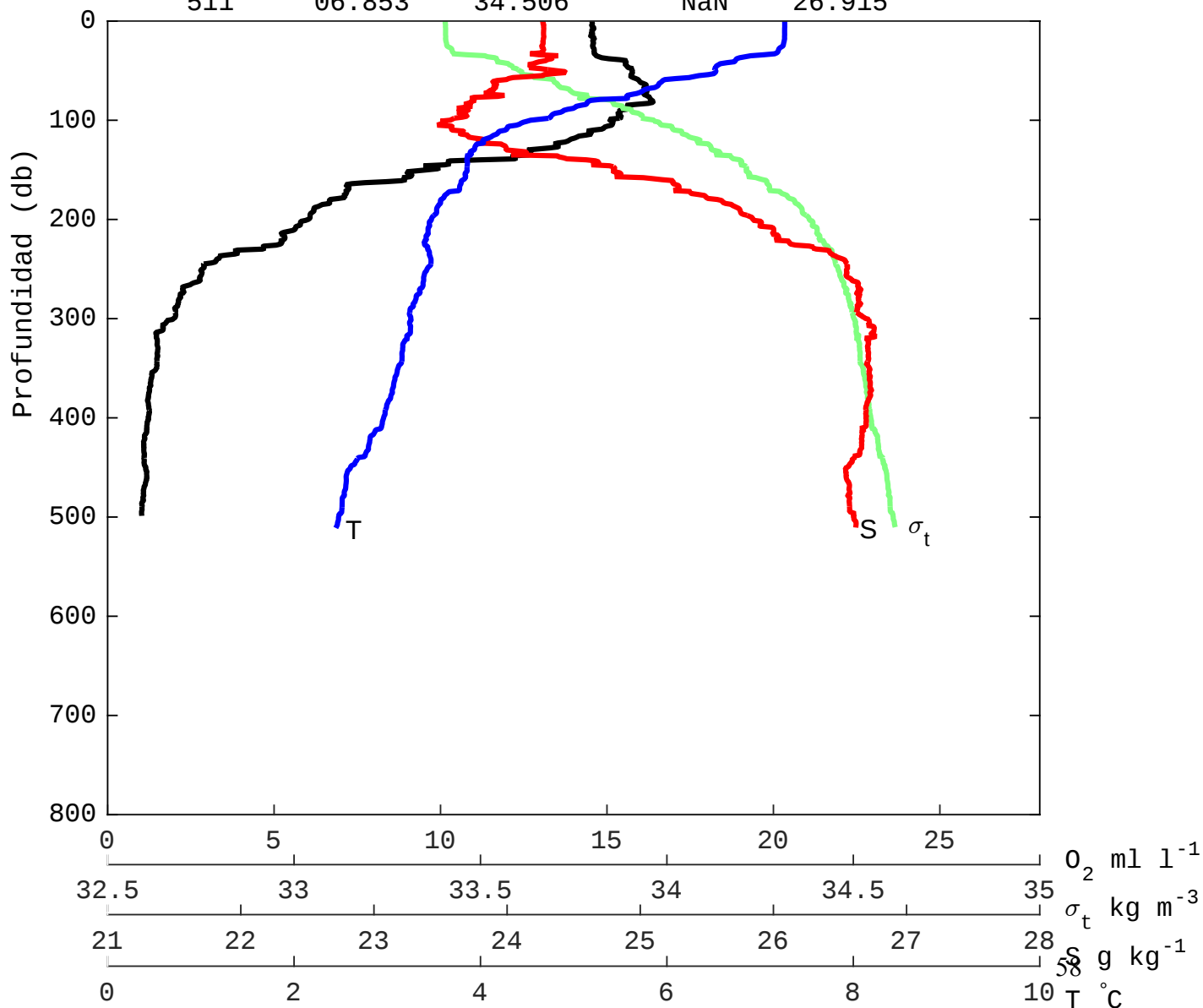
0	20.881	33.775	5.18	23.473
10	20.870	33.774	5.17	23.475
20	20.834	33.772	5.16	23.483
30	20.420	33.751	5.20	23.578
50	17.276	33.600	5.65	24.253
75	15.540	33.547	5.71	24.612
100	12.972	33.443	5.57	25.069
125	11.435	33.530	4.69	25.429
150	10.449	33.784	4.00	25.800
200	09.625	34.153	2.46	26.225
250	09.093	34.302	1.84	26.427
300	08.522	34.358	1.37	26.559
400	07.579	34.450	0.61	26.770
500	06.689	34.482	0.37	26.918
508	06.639	34.474	0.36	26.918



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 107.55 047 29°41.58 -117°41.44 25072014 07:14 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

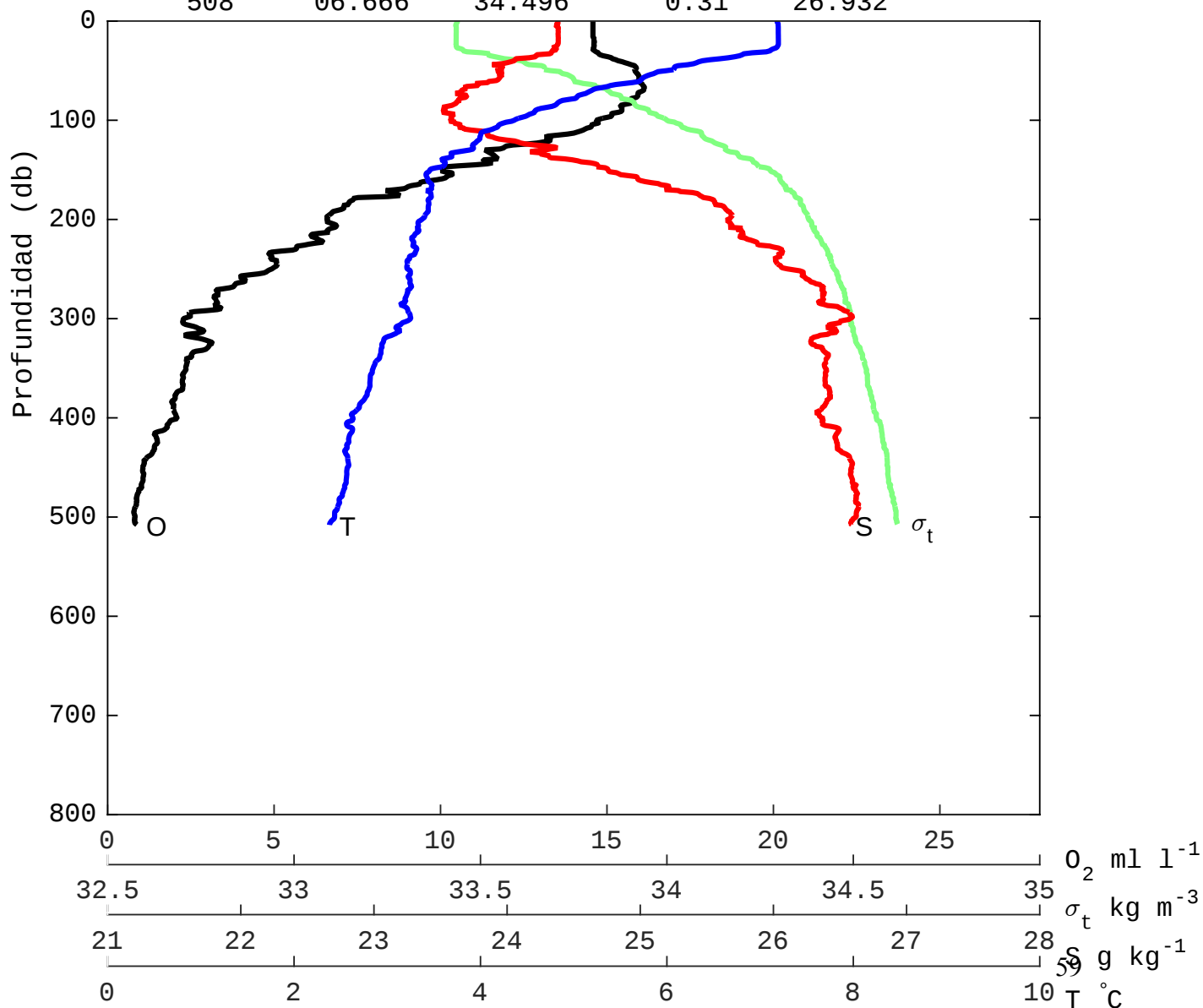
0	20.339	33.668	5.20	23.536
10	20.336	33.669	5.19	23.538
20	20.324	33.667	5.21	23.540
30	20.146	33.668	5.22	23.587
50	18.269	33.702	5.62	24.091
75	15.601	33.564	5.78	24.611
100	12.700	33.419	5.39	25.105
125	11.066	33.560	4.83	25.518
150	10.797	33.858	3.43	25.797
200	09.725	34.231	2.15	26.269
250	09.596	34.483	1.02	26.485
300	09.107	34.532	0.71	26.603
400	08.291	34.533	0.43	26.730
500	06.937	34.501	NaN	26.899
511	06.853	34.506	NaN	26.915



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 107.50 048 29°51.62 -117°21.57 25072014 10:49 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

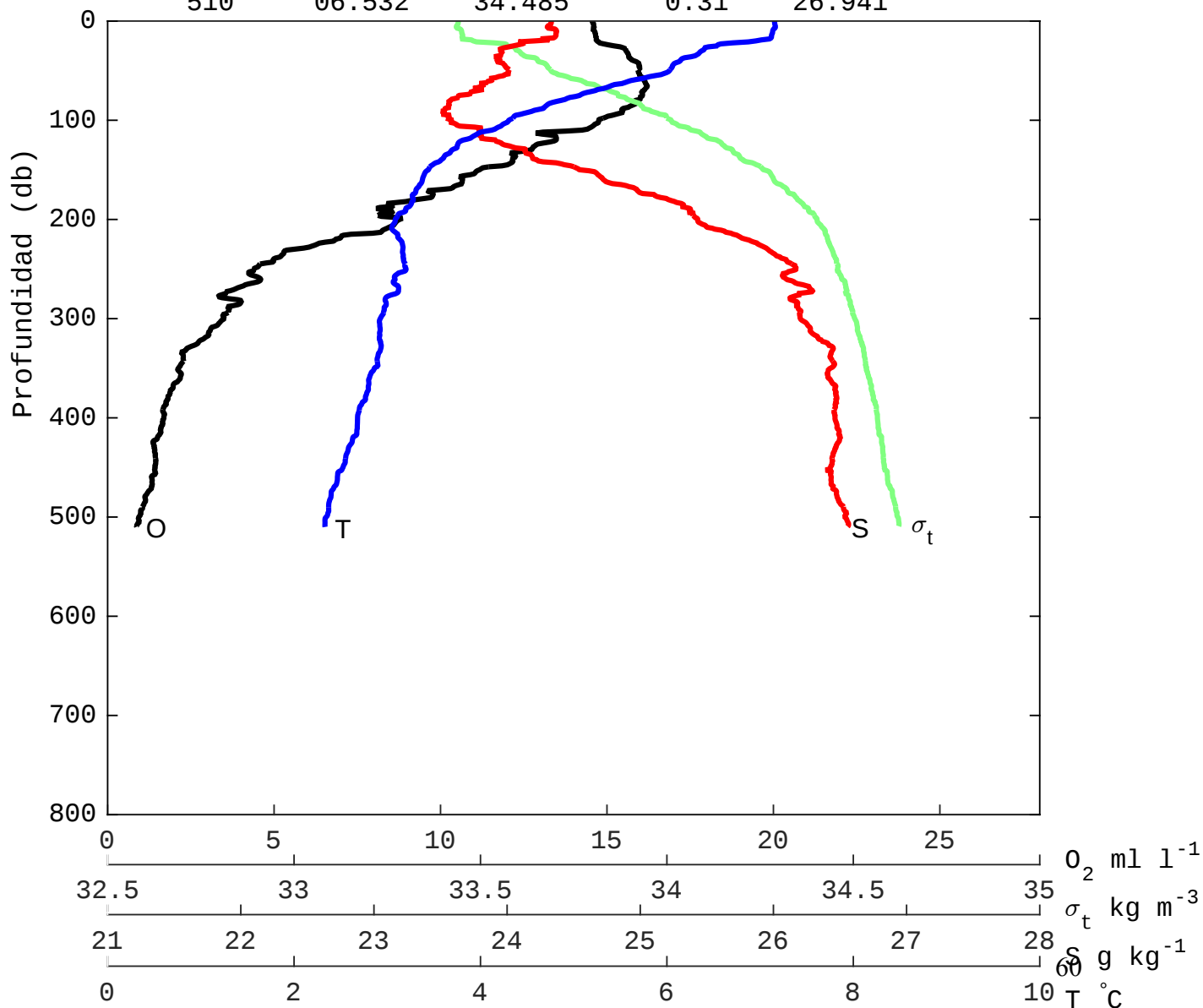
0	20.111	33.708	5.21	23.626
10	20.146	33.708	5.21	23.618
20	20.149	33.709	5.22	23.617
30	19.901	33.691	5.23	23.669
50	16.788	33.542	5.65	24.324
75	14.143	33.464	5.69	24.848
100	12.214	33.420	5.24	25.199
125	10.956	33.644	4.35	25.603
150	09.680	33.843	3.60	25.975
200	09.438	34.165	2.36	26.265
250	09.006	34.323	1.76	26.457
300	09.101	34.492	0.82	26.573
400	07.369	34.414	0.74	26.772
500	06.817	34.508	0.29	26.921
508	06.666	34.496	0.31	26.932



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 107.45 049 30°01.67 -117°01.62 25072014 14:56 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

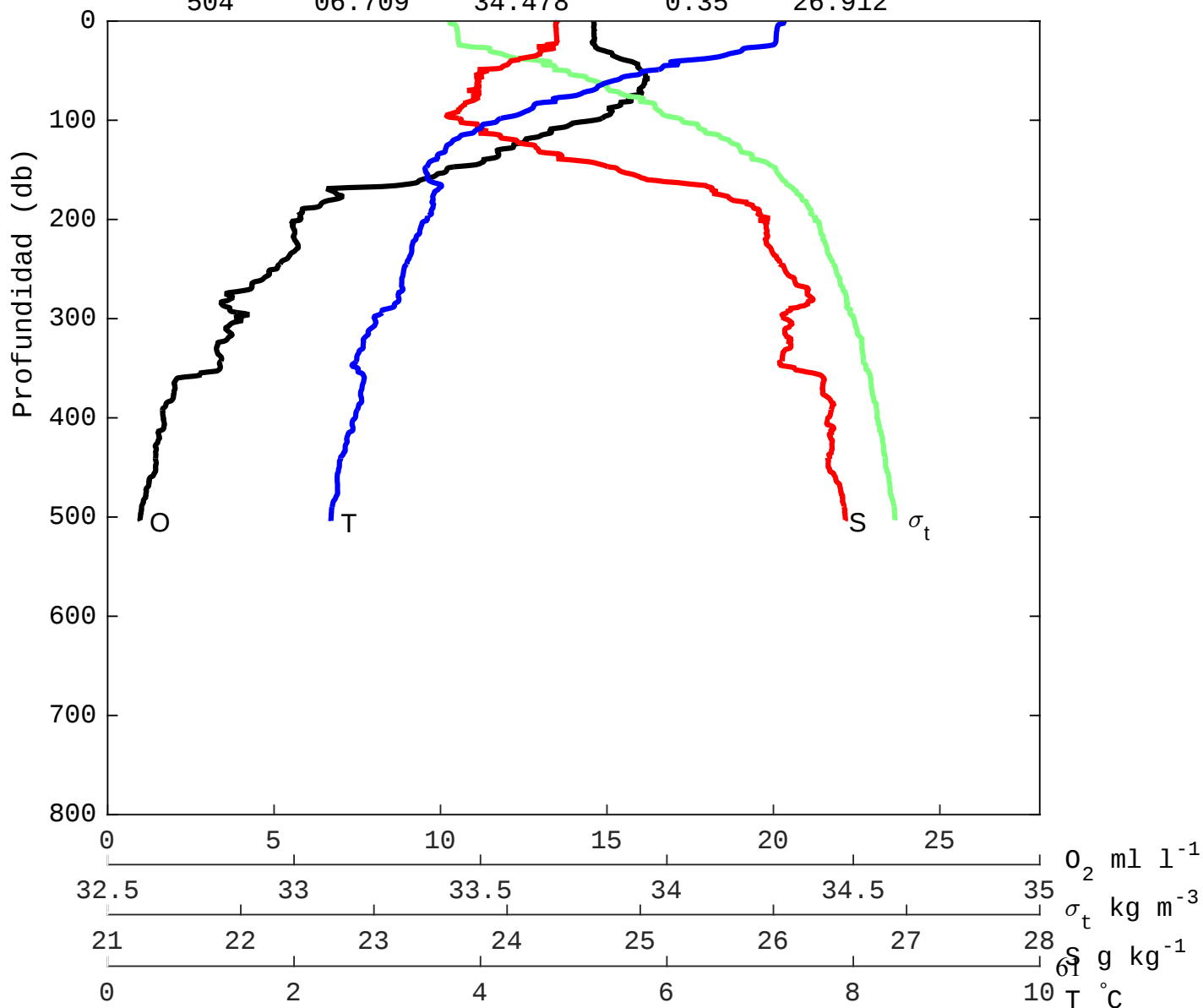
0	20.033	33.690	5.20	23.633
10	19.979	33.704	5.22	23.658
20	19.473	33.646	5.25	23.745
30	17.846	33.560	5.57	24.086
50	16.878	33.576	5.70	24.329
75	14.178	33.443	5.74	24.825
100	12.049	33.426	5.26	25.234
125	10.509	33.565	4.59	25.620
150	09.635	33.765	3.99	25.922
200	08.643	34.083	3.13	26.327
250	08.964	34.348	1.56	26.483
300	08.189	34.358	1.25	26.610
400	07.507	34.451	0.60	26.781
500	06.564	34.476	0.34	26.929
510	06.532	34.485	0.31	26.941



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 107.40 051 30°11.45 -116°41.49 25072014 20:00 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

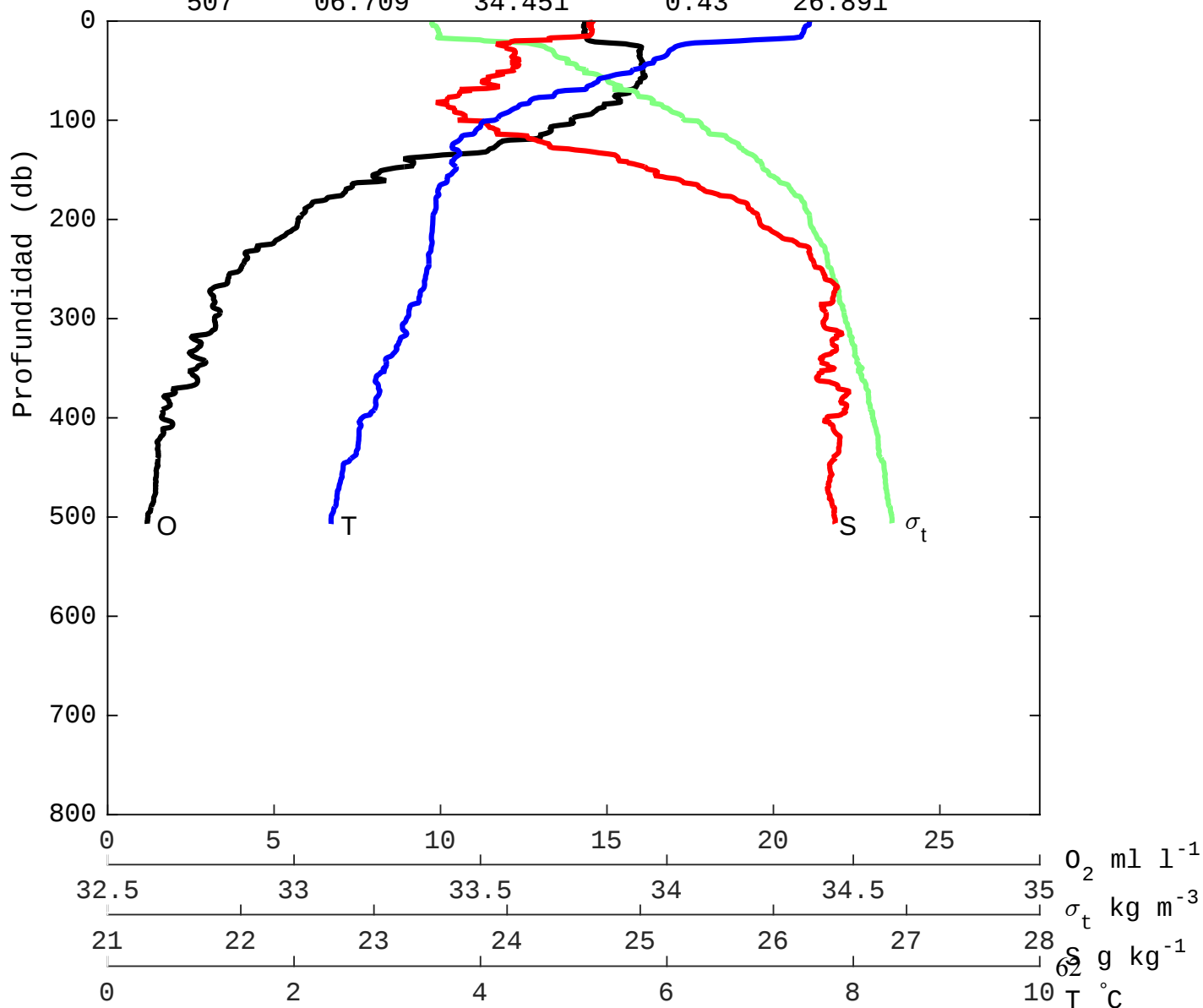
0	20.322	33.706	5.21	23.570
10	20.101	33.703	5.22	23.625
20	20.076	33.706	5.22	23.634
30	19.048	33.661	5.33	23.865
50	16.219	33.521	5.72	24.439
75	14.078	33.497	5.64	24.887
100	11.715	33.451	5.22	25.316
125	10.203	33.642	4.34	25.732
150	09.540	33.870	3.64	26.019
200	09.602	34.261	2.07	26.313
250	08.903	34.315	1.81	26.467
300	08.020	34.315	1.40	26.601
400	07.437	34.433	0.60	26.777
500	06.715	34.478	0.35	26.911
504	06.709	34.478	0.35	26.912



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 107.35 052 30°21.63 -116°21.77 26072014 00:46 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

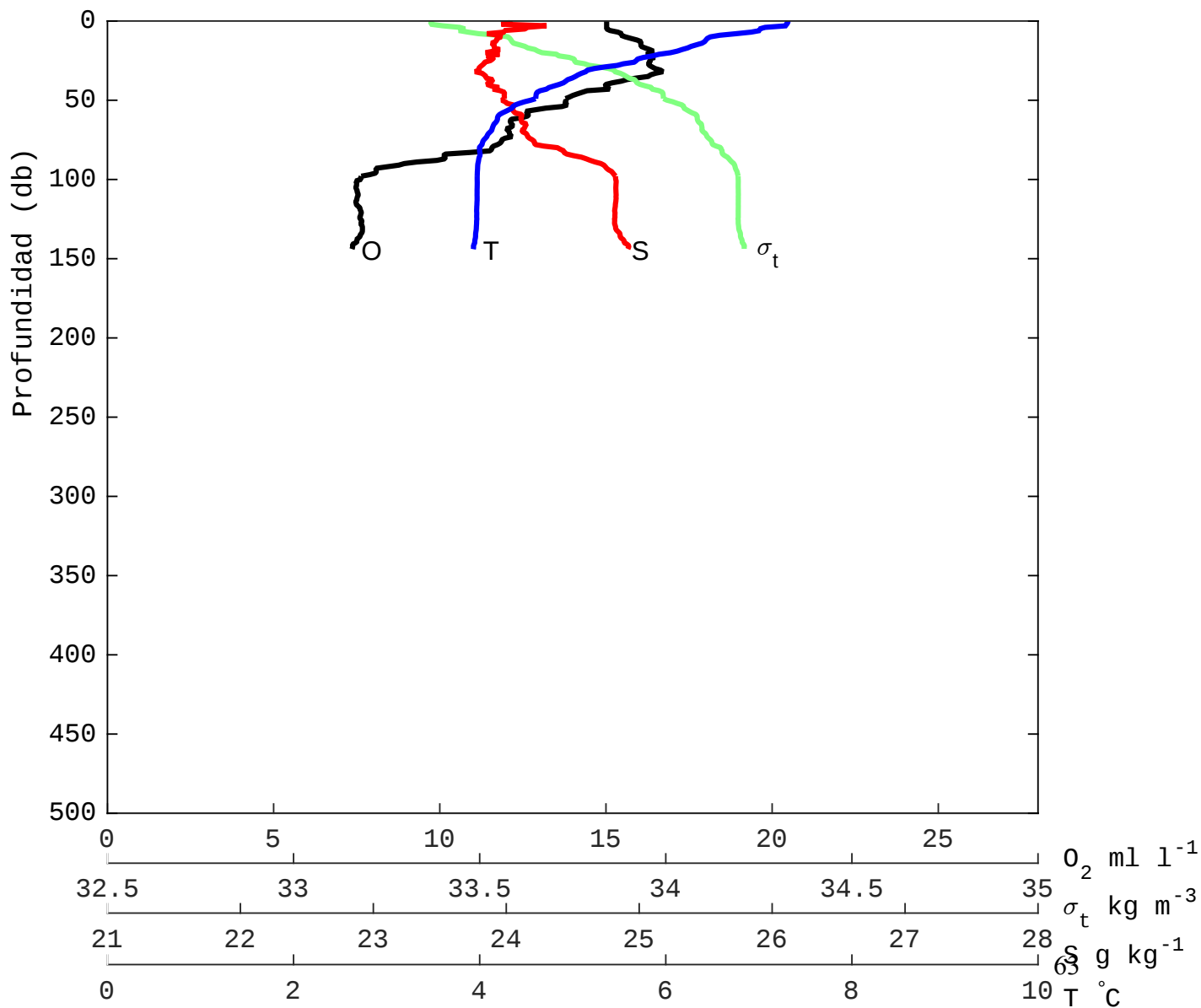
0	21.087	33.803	5.12	23.438
10	20.914	33.799	5.14	23.482
20	18.979	33.592	5.18	23.830
30	16.868	33.593	5.70	24.344
50	15.741	33.589	5.75	24.599
75	13.410	33.443	5.44	24.983
100	11.615	33.439	4.96	25.325
125	10.356	33.685	4.18	25.740
150	10.451	33.955	2.98	25.932
200	09.771	34.247	2.04	26.274
250	09.591	34.415	1.43	26.433
300	08.978	34.426	1.15	26.541
400	07.643	34.429	0.58	26.744
500	06.717	34.449	0.44	26.888
507	06.709	34.451	0.43	26.891



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 107.30 053 30°27.37 -116°10.12 26072014 03:35 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

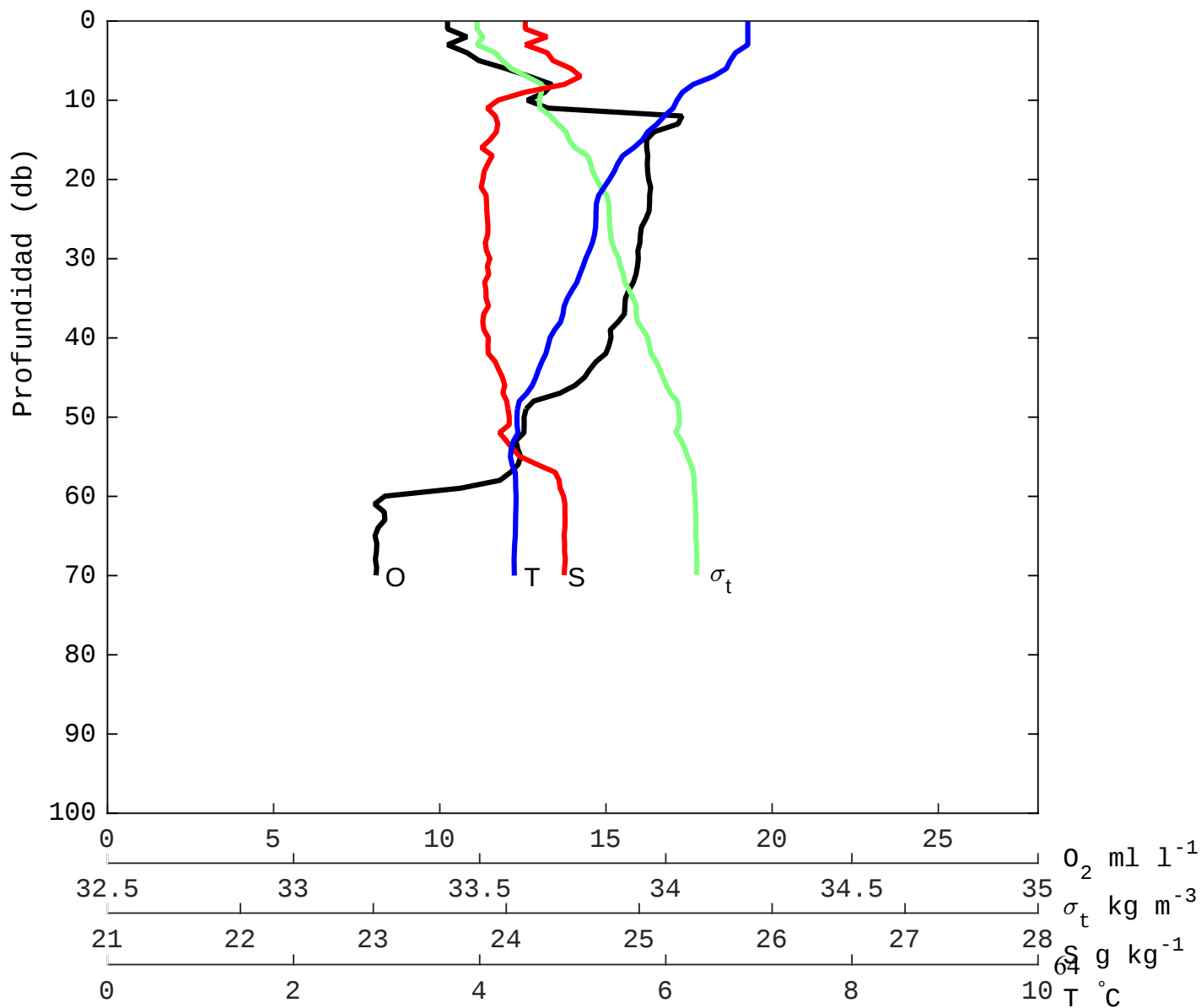
0	20.474	33.581	5.36	23.435
10	18.141	33.558	5.56	24.013
20	16.940	33.516	5.84	24.268
30	14.645	33.497	5.88	24.768
50	12.732	33.559	4.93	25.207
75	11.326	33.641	4.24	25.535
100	11.125	33.865	2.73	25.745
125	11.114	33.862	2.72	25.743
144	11.008	33.898	2.63	25.790



ESTACION	LANCE	LATITUD	LONGITUD	DDMMAAAA	H[GMT]	PROFTOT	PROFLAN
110.33	054	29°51.12	-115°52.04	26072014	12:11	NaN	NaN

PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
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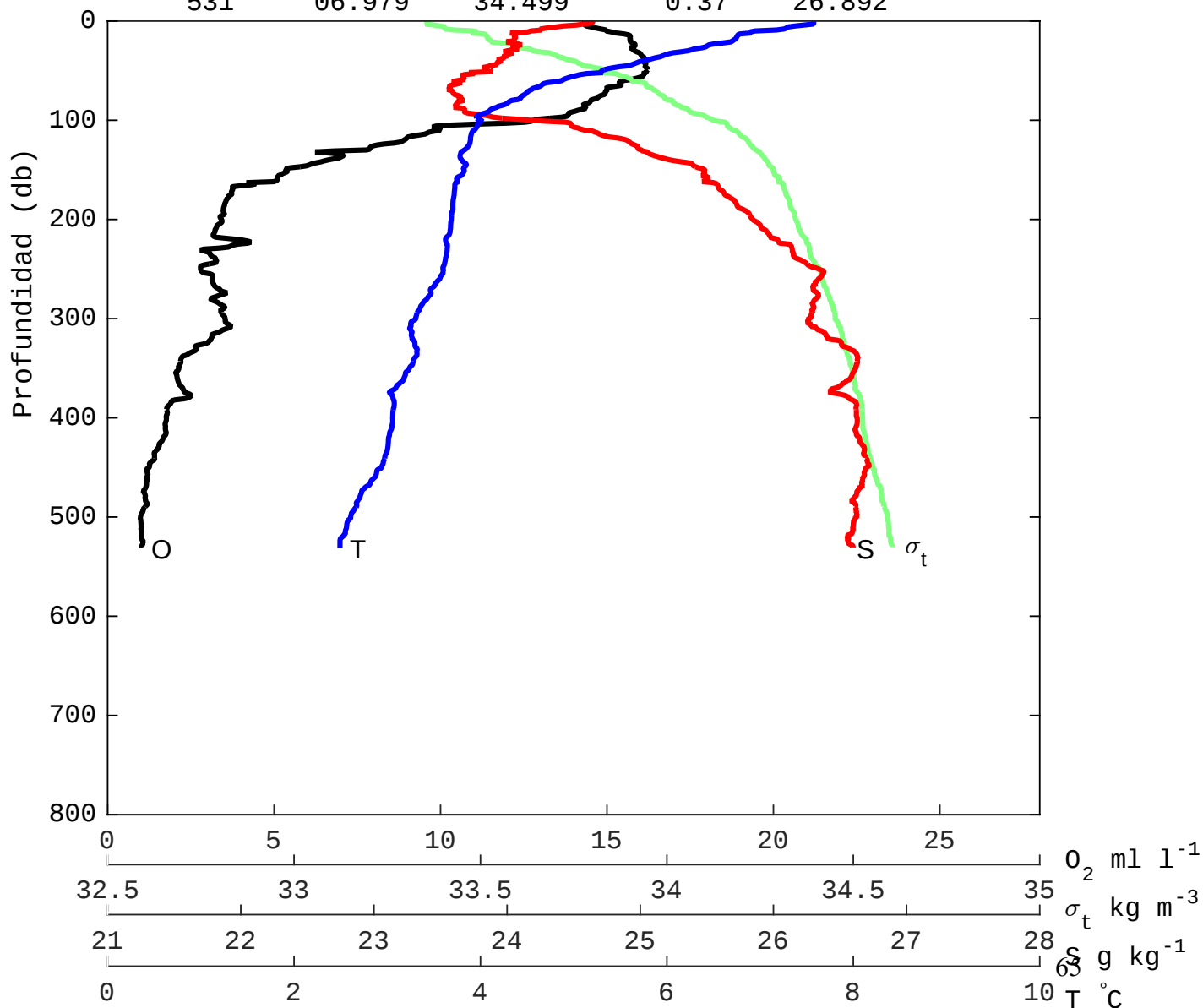
0	19.267	33.623	3.65	23.780
10	17.137	33.549	4.51	24.248
20	15.101	33.509	5.82	24.679
30	14.388	33.528	5.70	24.846
50	12.320	33.579	4.48	25.302
70	12.242	33.727	2.89	25.431



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 110.35 055 29°47.05 -116°00.10 26072014 13:58 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

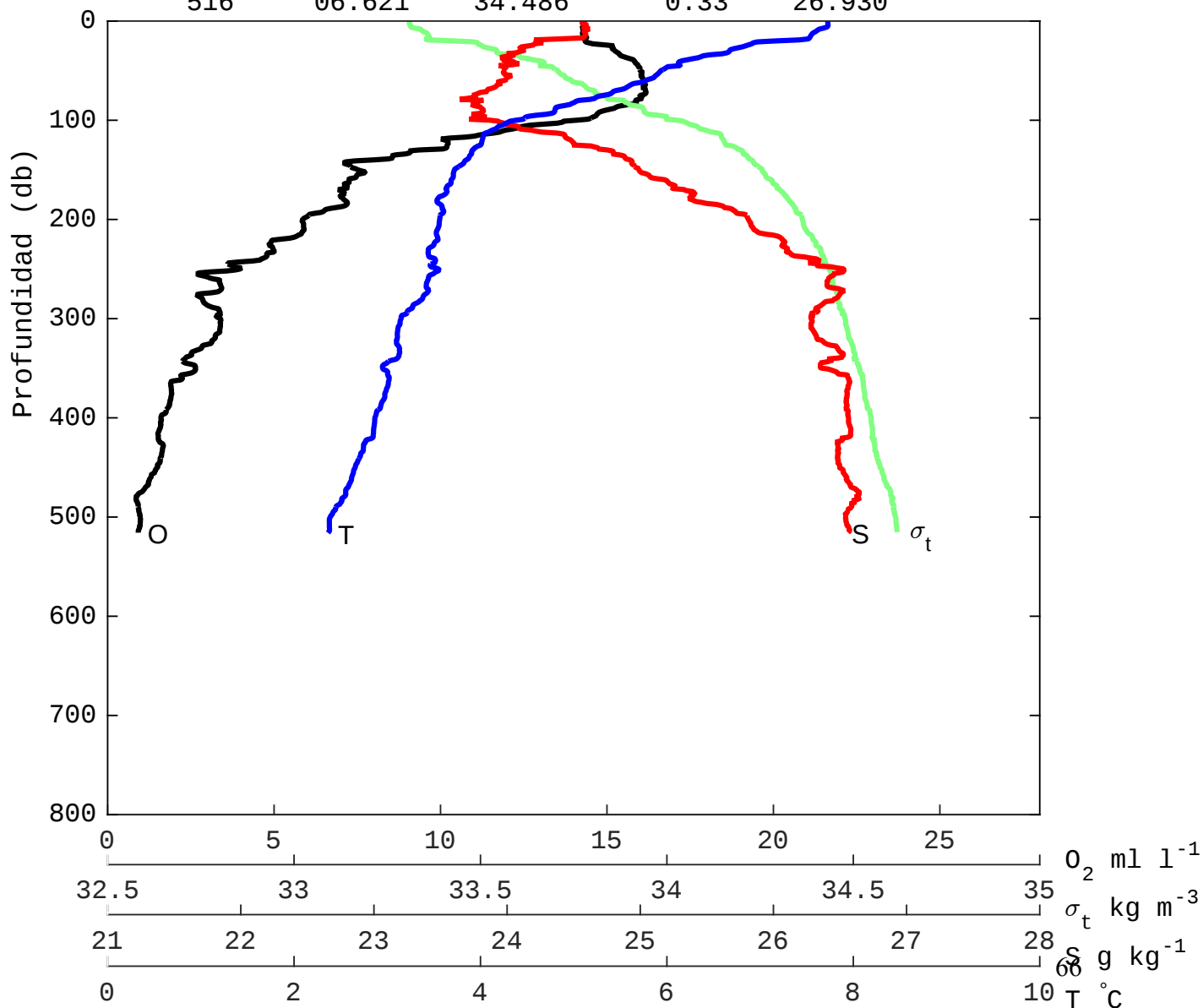
0	21.207	33.801	5.12	23.405
10	19.450	33.635	5.35	23.743
20	18.771	33.590	5.60	23.881
30	17.426	33.572	5.65	24.197
50	14.853	33.524	5.78	24.744
75	12.477	33.439	5.30	25.163
100	11.227	33.632	4.57	25.545
125	10.861	33.913	2.89	25.828
150	10.713	34.101	1.91	25.999
200	10.321	34.230	1.22	26.167
250	10.078	34.407	1.00	26.345
300	09.254	34.383	1.26	26.463
400	08.562	34.510	0.63	26.670
500	07.303	34.508	0.35	26.854
531	06.979	34.499	0.37	26.892



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 110.40 058 29°36.71 -116°20.63 26072014 20:24 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

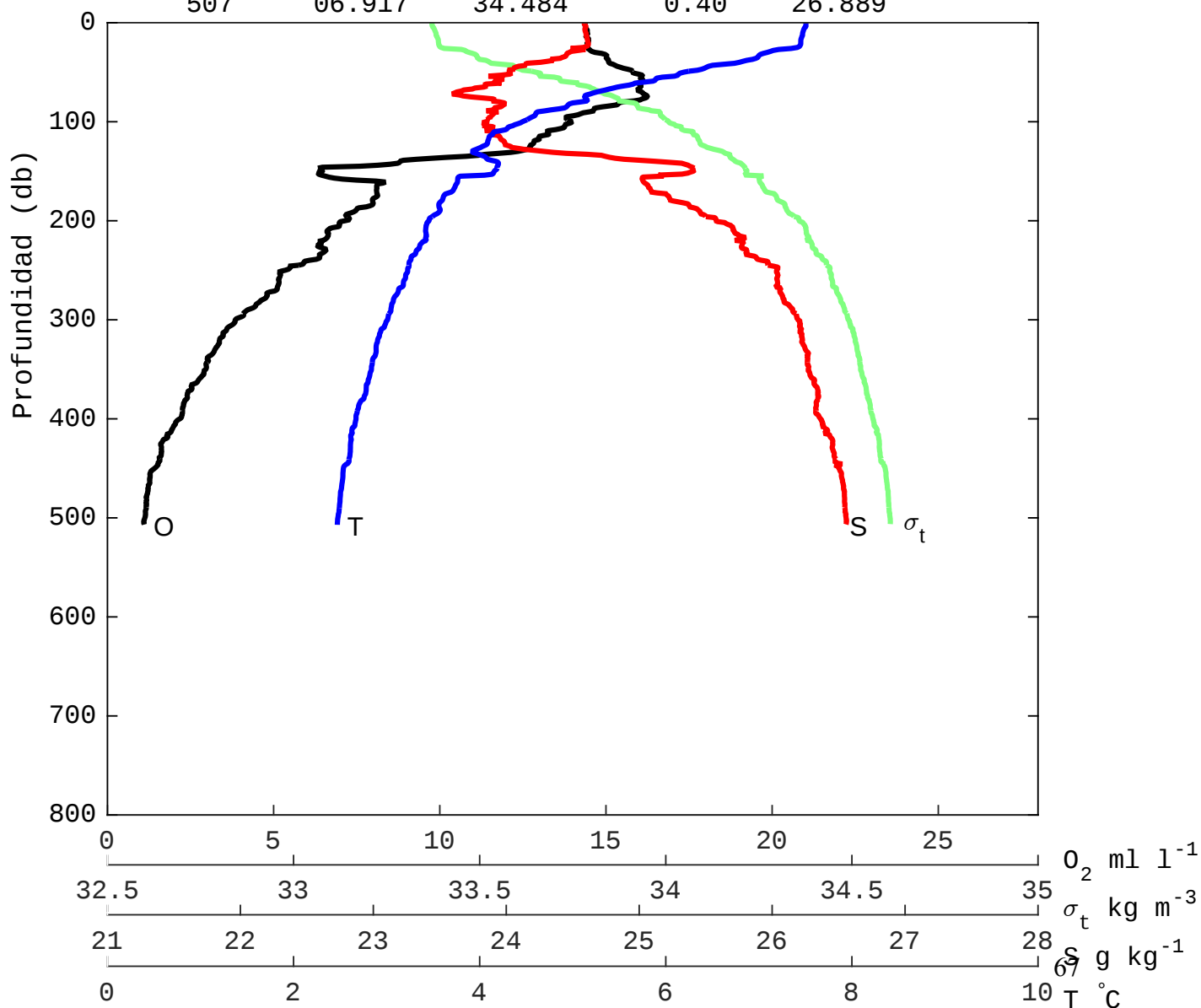
0	21.634	33.773	5.11	23.266
10	21.295	33.777	5.11	23.363
20	20.080	33.652	5.12	23.592
30	18.679	33.614	5.44	23.922
50	16.617	33.567	5.71	24.383
75	14.880	33.478	5.71	24.703
100	12.263	33.524	5.03	25.270
125	11.209	33.746	3.64	25.637
150	10.418	33.924	2.68	25.914
200	09.974	34.219	2.09	26.217
250	09.945	34.473	1.42	26.420
300	08.813	34.388	1.21	26.537
400	08.029	34.487	0.57	26.733
500	06.691	34.476	0.34	26.913
516	06.621	34.486	0.33	26.930



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 110.45 059 29°27.31 -116°39.50 26072014 23:49 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

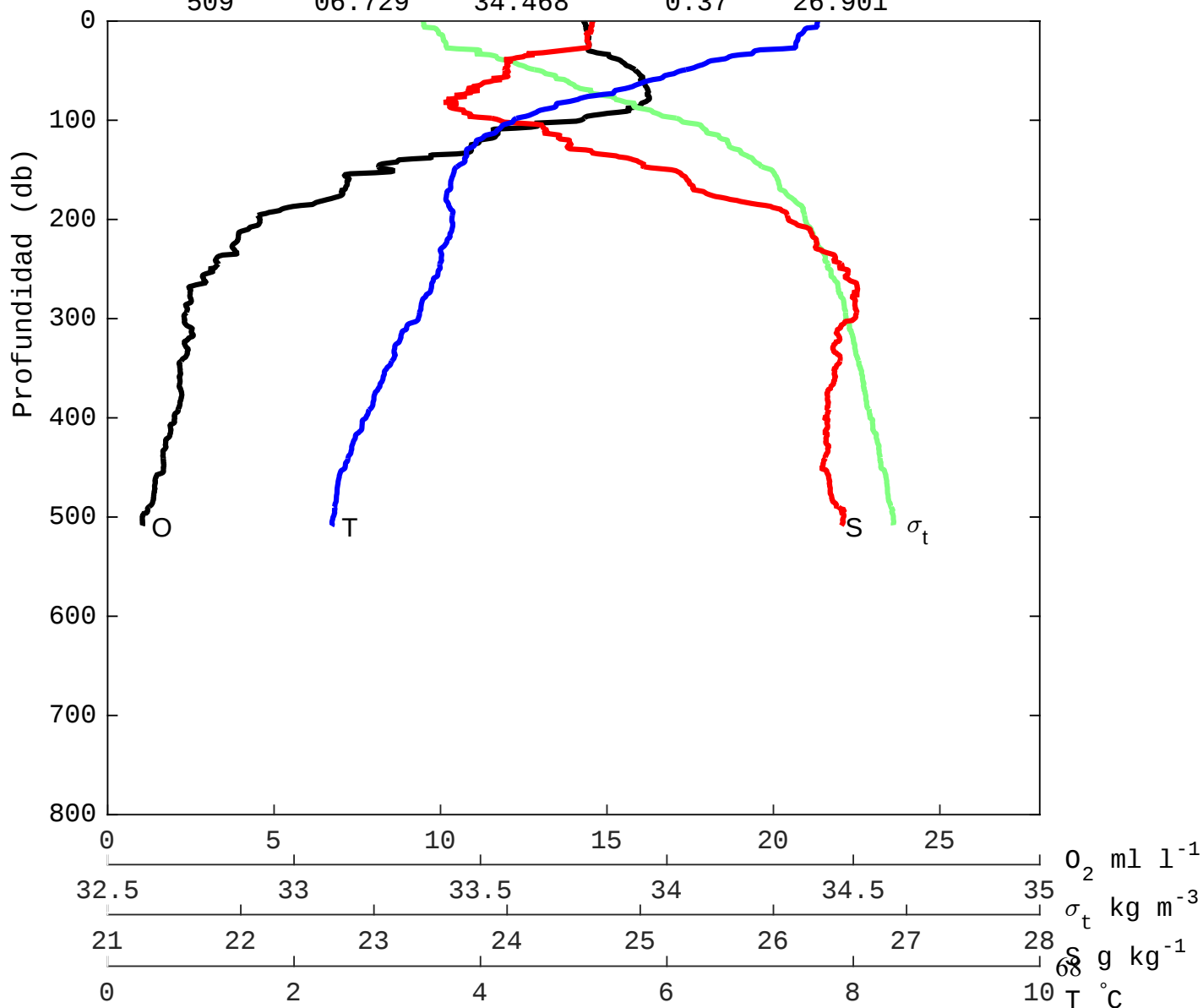
0	21.017	33.781	5.13	23.441
10	20.922	33.785	5.16	23.469
20	20.861	33.791	5.16	23.490
30	19.851	33.741	5.24	23.720
50	17.336	33.574	5.64	24.220
75	14.360	33.477	5.80	24.813
100	12.486	33.518	4.99	25.222
125	11.280	33.583	4.54	25.497
150	11.640	34.074	2.31	25.811
200	09.678	34.133	2.56	26.201
250	09.033	34.298	1.91	26.433
300	08.429	34.354	1.38	26.570
400	07.479	34.415	0.78	26.757
500	06.933	34.484	0.40	26.886
507	06.917	34.484	0.40	26.889



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 110.50 060 29°17.19 -116°59.35 27072014 03:22 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

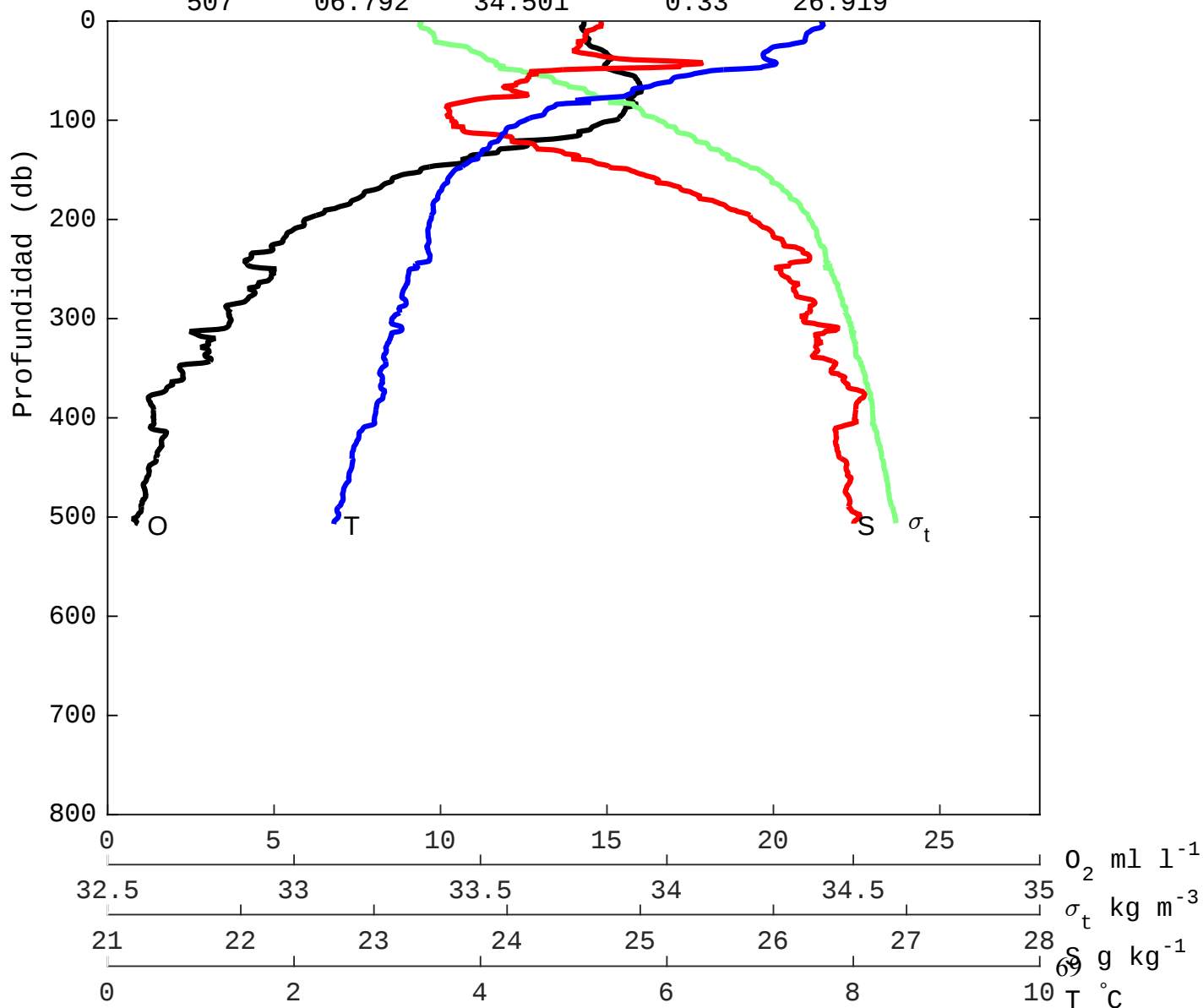
0	21.326	33.801	5.11	23.372
10	20.917	33.798	5.14	23.480
20	20.713	33.786	5.15	23.526
30	19.445	33.713	5.16	23.803
50	17.232	33.576	5.66	24.245
75	14.668	33.430	5.79	24.712
100	12.197	33.551	5.08	25.303
125	11.023	33.743	3.89	25.668
150	10.414	34.011	3.05	25.982
200	10.340	34.326	1.63	26.238
250	09.975	34.474	1.08	26.415
300	09.334	34.504	0.82	26.544
400	07.762	34.421	0.72	26.721
500	06.772	34.474	0.37	26.901
509	06.729	34.468	0.37	26.901



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 110.55 061 29°07.25 -117°19.06 27072014 07:33 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

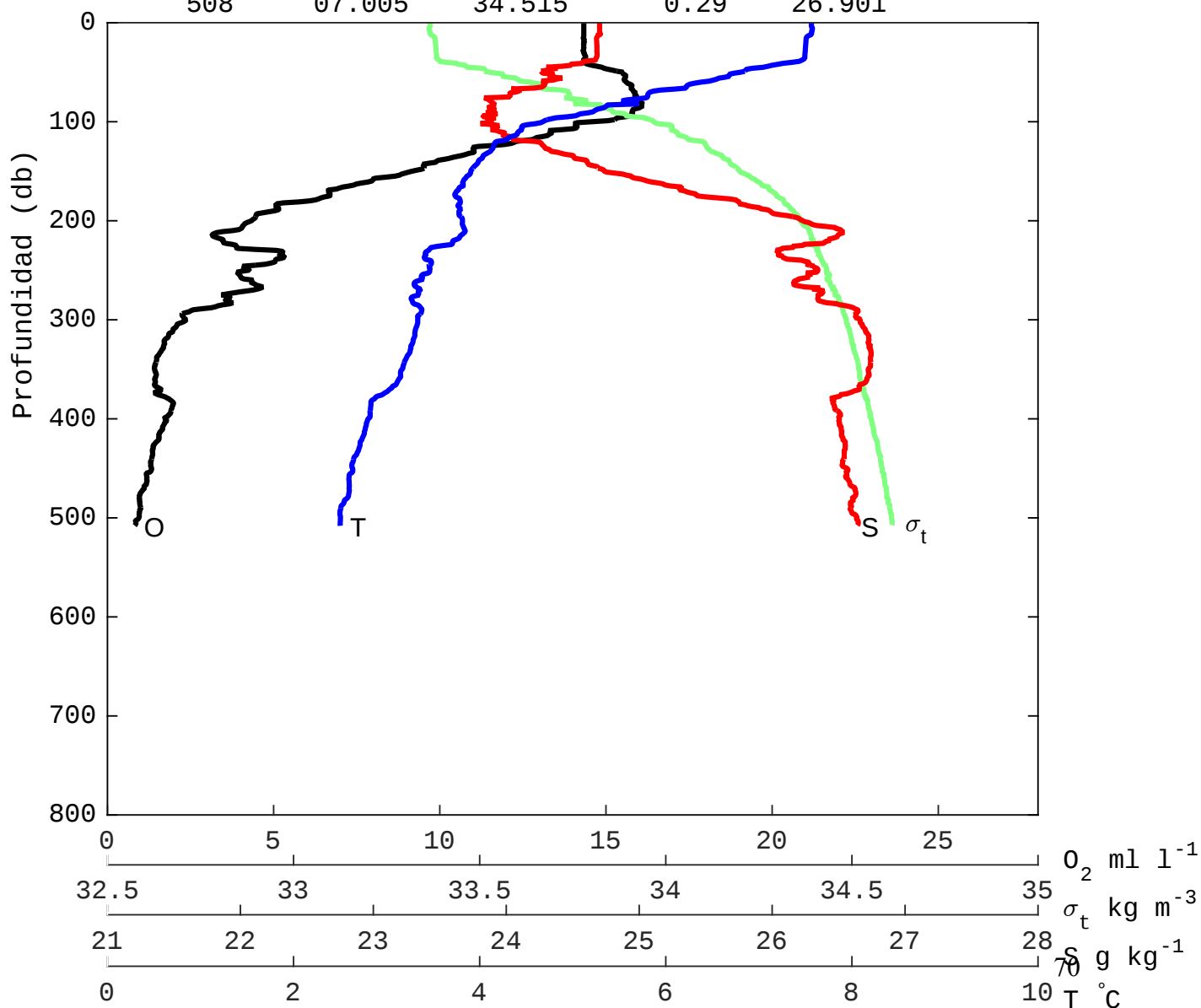
0	21.450	33.823	5.11	23.355
10	21.119	33.784	5.11	23.416
20	20.948	33.777	5.15	23.457
30	19.835	33.747	5.32	23.728
50	18.129	33.689	5.43	24.115
75	15.571	33.625	5.65	24.664
100	12.547	33.419	5.44	25.134
125	11.481	33.645	4.51	25.509
150	10.435	33.900	3.36	25.892
200	09.716	34.227	2.12	26.267
250	09.091	34.301	1.81	26.426
300	08.541	34.374	1.32	26.569
400	08.016	34.504	0.49	26.749
500	06.928	34.514	0.31	26.911
507	06.792	34.501	0.33	26.919



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 110.60 062 28°57.22 -117°38.86 27072014 11:37 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

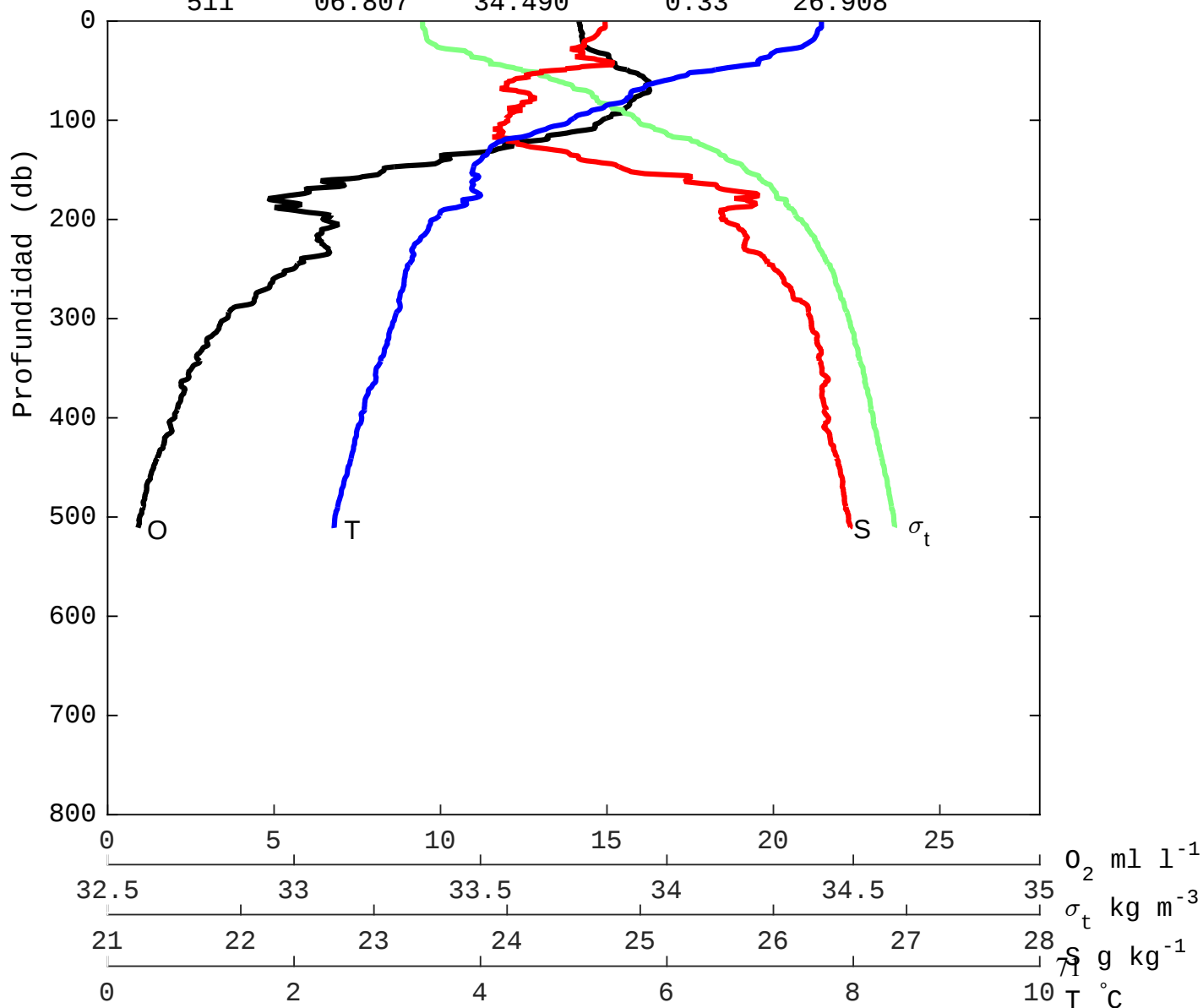
0	21.181	33.822	5.12	23.427
10	21.189	33.822	5.12	23.425
20	21.015	33.815	5.12	23.467
30	20.991	33.815	5.13	23.474
50	19.049	33.667	5.54	23.869
75	16.257	33.581	5.70	24.476
100	13.103	33.526	5.21	25.107
125	11.614	33.673	3.98	25.506
150	10.934	33.834	3.27	25.754
200	10.682	34.367	1.55	26.211
250	09.698	34.409	1.52	26.411
300	09.334	34.523	0.85	26.559
400	07.842	34.467	0.61	26.746
500	07.010	34.513	0.34	26.898
508	07.005	34.515	0.29	26.901



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 110.65 063 28°47.18 -117°58.68 27072014 15:00 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

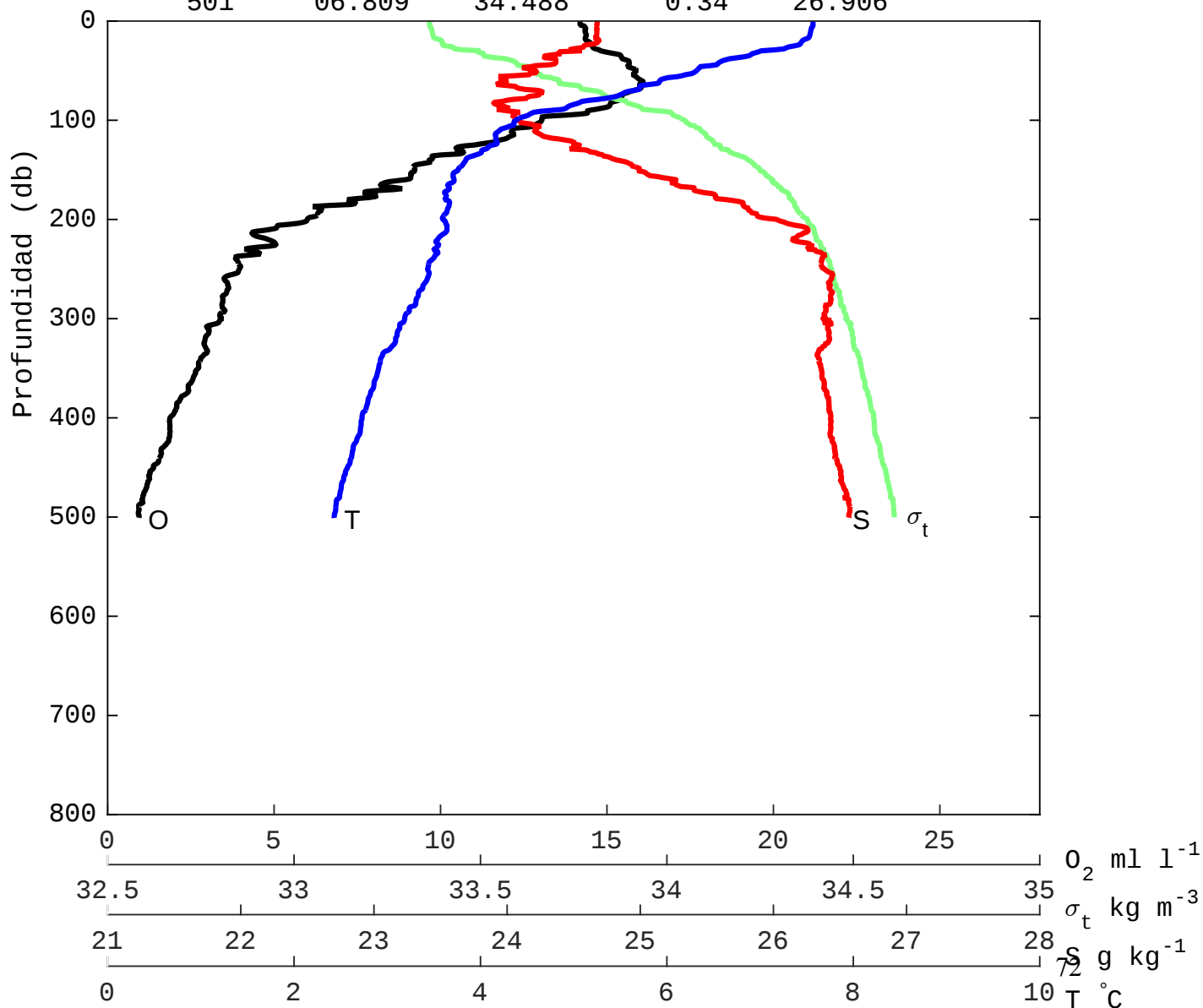
0	21.443	33.834	5.06	23.365
10	21.326	33.818	5.08	23.385
20	21.144	33.780	5.09	23.405
30	20.095	33.779	5.21	23.685
50	18.155	33.689	5.59	24.109
75	15.712	33.634	5.71	24.640
100	13.896	33.577	5.31	24.986
125	11.588	33.615	4.34	25.466
150	10.967	33.891	2.97	25.792
200	09.787	34.144	2.31	26.191
250	08.989	34.288	1.99	26.432
300	08.621	34.386	1.28	26.565
400	07.633	34.433	0.72	26.749
500	06.829	34.487	0.35	26.903
511	06.807	34.490	0.33	26.908



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 110.70 064 28°37.32 -118°18.07 27072014 20:59 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

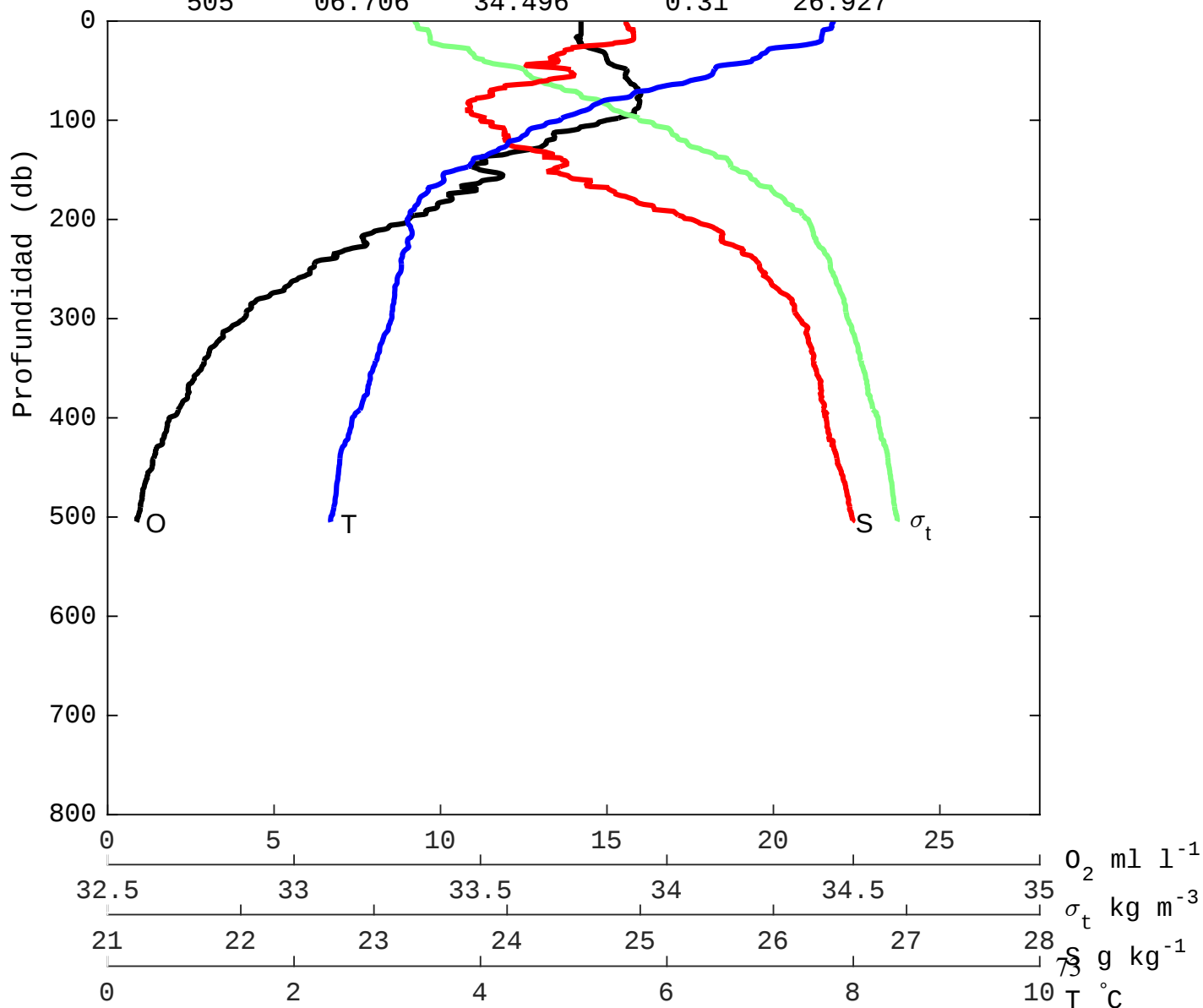
0	21.188	33.813	5.07	23.419
10	21.121	33.812	5.12	23.436
20	20.863	33.818	5.14	23.510
30	19.634	33.772	5.29	23.799
50	17.692	33.647	5.68	24.190
75	15.350	33.653	5.52	24.734
100	12.257	33.600	4.66	25.330
125	11.563	33.765	3.94	25.587
150	10.531	33.927	3.29	25.897
200	10.072	34.293	2.14	26.259
250	09.610	34.423	1.42	26.437
300	08.928	34.418	1.23	26.543
400	07.642	34.439	0.67	26.753
500	06.805	34.488	0.34	26.907
501	06.809	34.488	0.34	26.906



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 110.75 065 28°27.09 -118°37.64 28072014 00:39 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

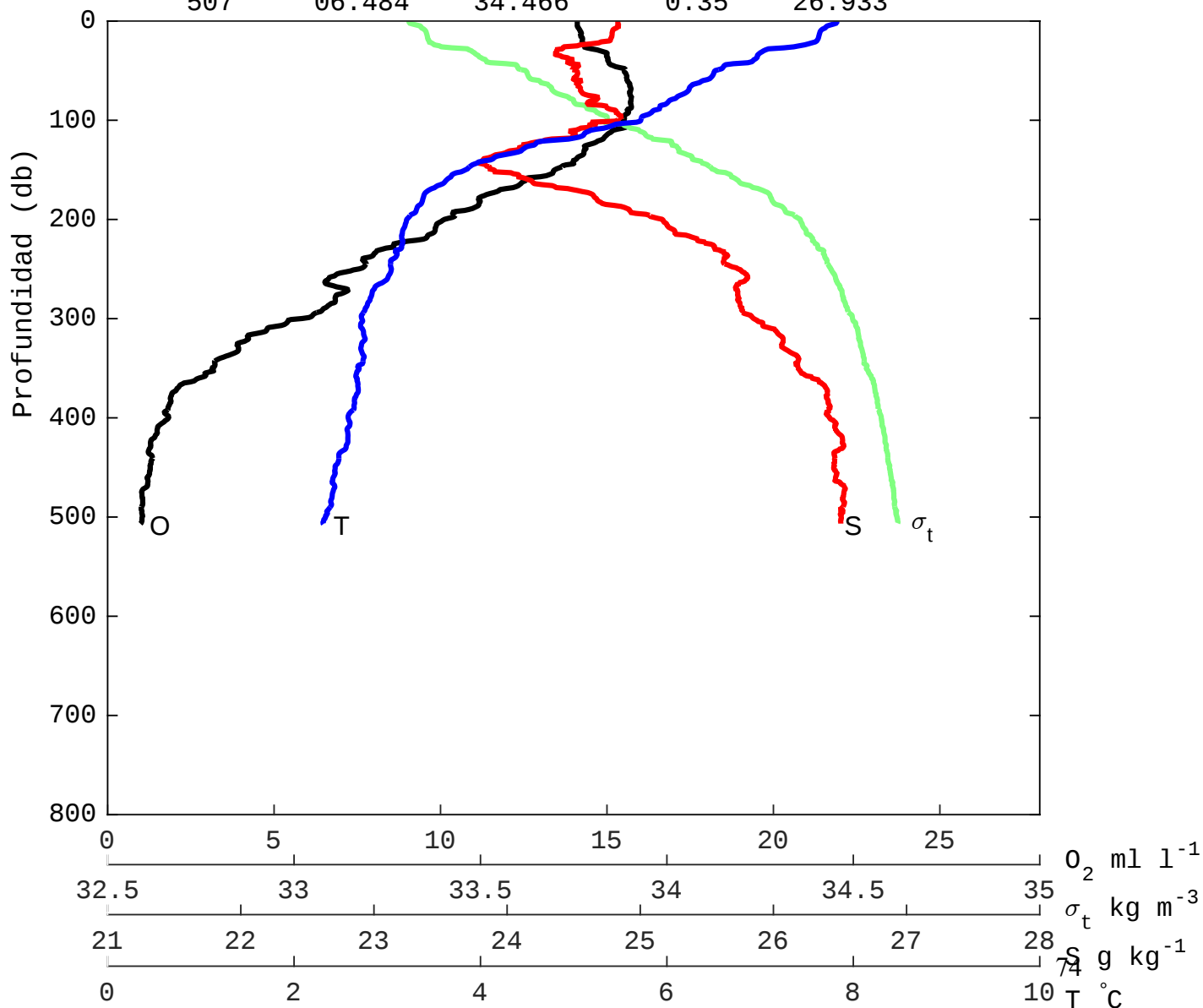
0	21.802	33.890	5.08	23.309
10	21.485	33.908	5.08	23.410
20	21.433	33.901	5.05	23.418
30	19.818	33.723	5.28	23.714
50	18.211	33.741	5.57	24.135
75	15.738	33.532	5.72	24.556
100	13.587	33.500	5.35	24.991
125	11.997	33.579	4.68	25.362
150	10.466	33.696	3.99	25.729
200	08.993	34.066	3.22	26.259
250	08.821	34.249	2.17	26.429
300	08.532	34.355	1.46	26.556
400	07.349	34.428	0.66	26.786
500	06.708	34.496	0.33	26.927
505	06.706	34.496	0.31	26.927



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 110.80 066 28°17.11 -118°57.50 28072014 04:05 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

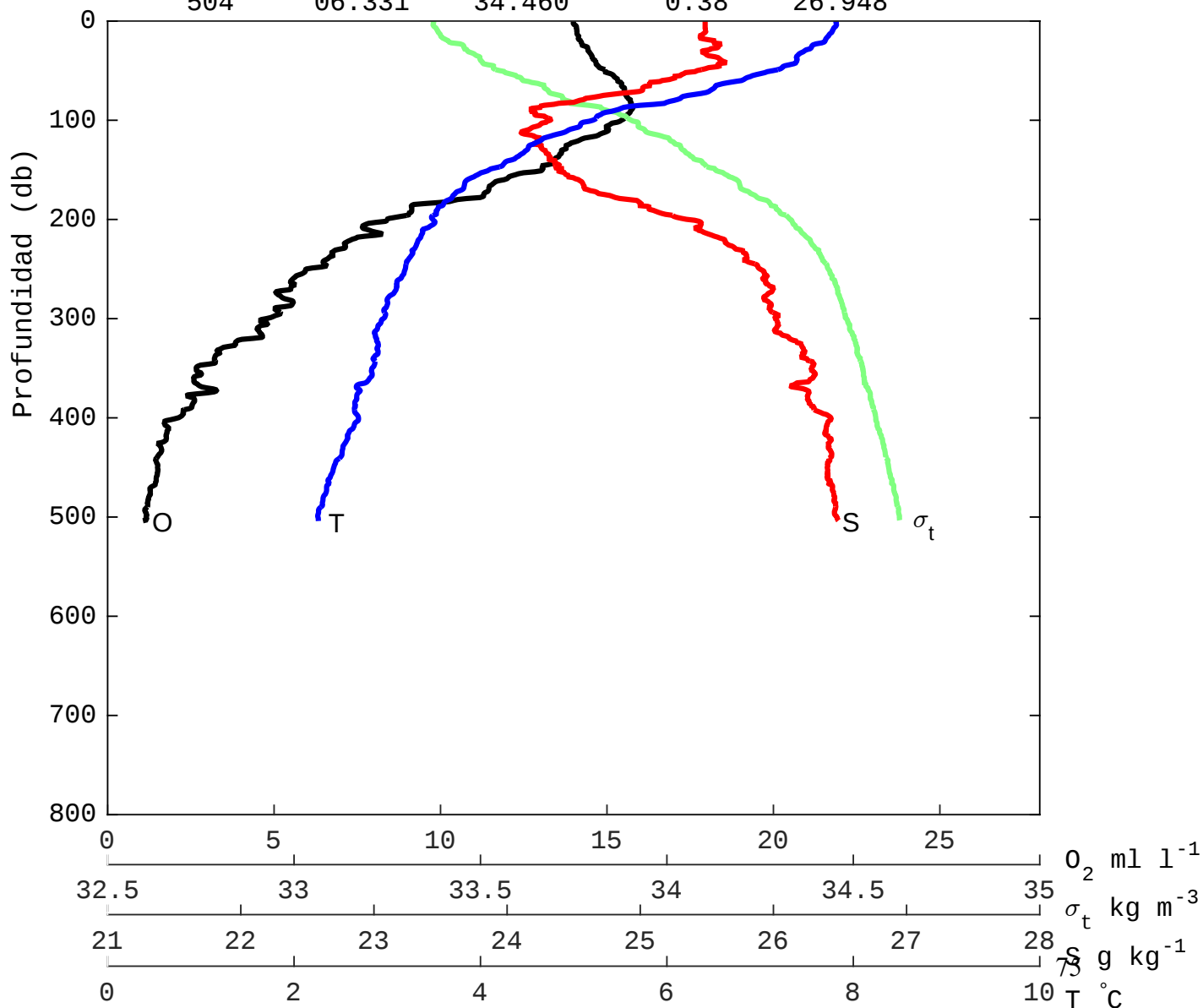
0	21.904	33.868	5.04	23.264
10	21.415	33.854	5.07	23.388
20	21.304	33.846	5.09	23.412
30	19.703	33.707	5.28	23.732
50	18.240	33.761	5.54	24.143
75	17.187	33.789	5.61	24.419
100	16.015	33.868	5.54	24.750
125	12.813	33.611	5.15	25.230
150	10.748	33.535	4.80	25.555
200	08.984	33.987	3.61	26.200
250	08.527	34.190	2.70	26.428
300	07.635	34.232	2.09	26.593
400	07.225	34.437	0.65	26.810
500	06.544	34.469	0.37	26.927
507	06.484	34.466	0.35	26.933



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 110.90 067 27°57.95 -119°36.25 28072014 10:05 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

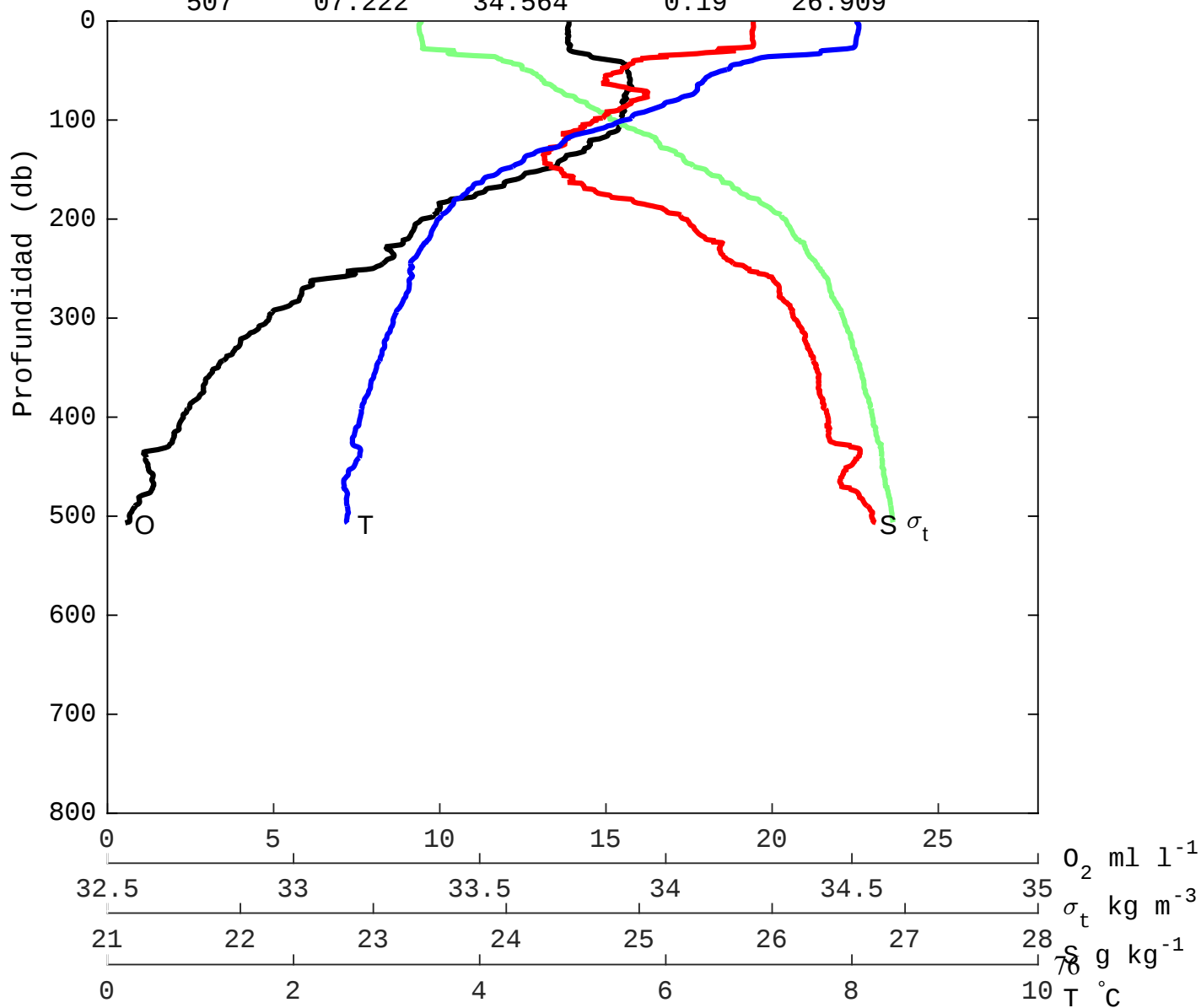
0	21.878	34.103	5.00	23.448
10	21.766	34.105	5.04	23.481
20	21.551	34.131	5.08	23.560
30	20.936	34.096	5.16	23.701
50	19.984	34.081	5.34	23.943
75	17.423	33.830	5.56	24.393
100	14.573	33.688	5.51	24.930
125	12.694	33.661	4.93	25.292
150	11.460	33.711	4.66	25.564
200	09.768	34.052	2.99	26.123
250	08.940	34.249	2.13	26.410
300	08.280	34.289	1.71	26.542
400	07.535	34.440	0.76	26.768
500	06.315	34.456	0.41	26.947
504	06.331	34.460	0.38	26.948



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 110.105 068 27°27.24 -120°34.64 28072014 18:00 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

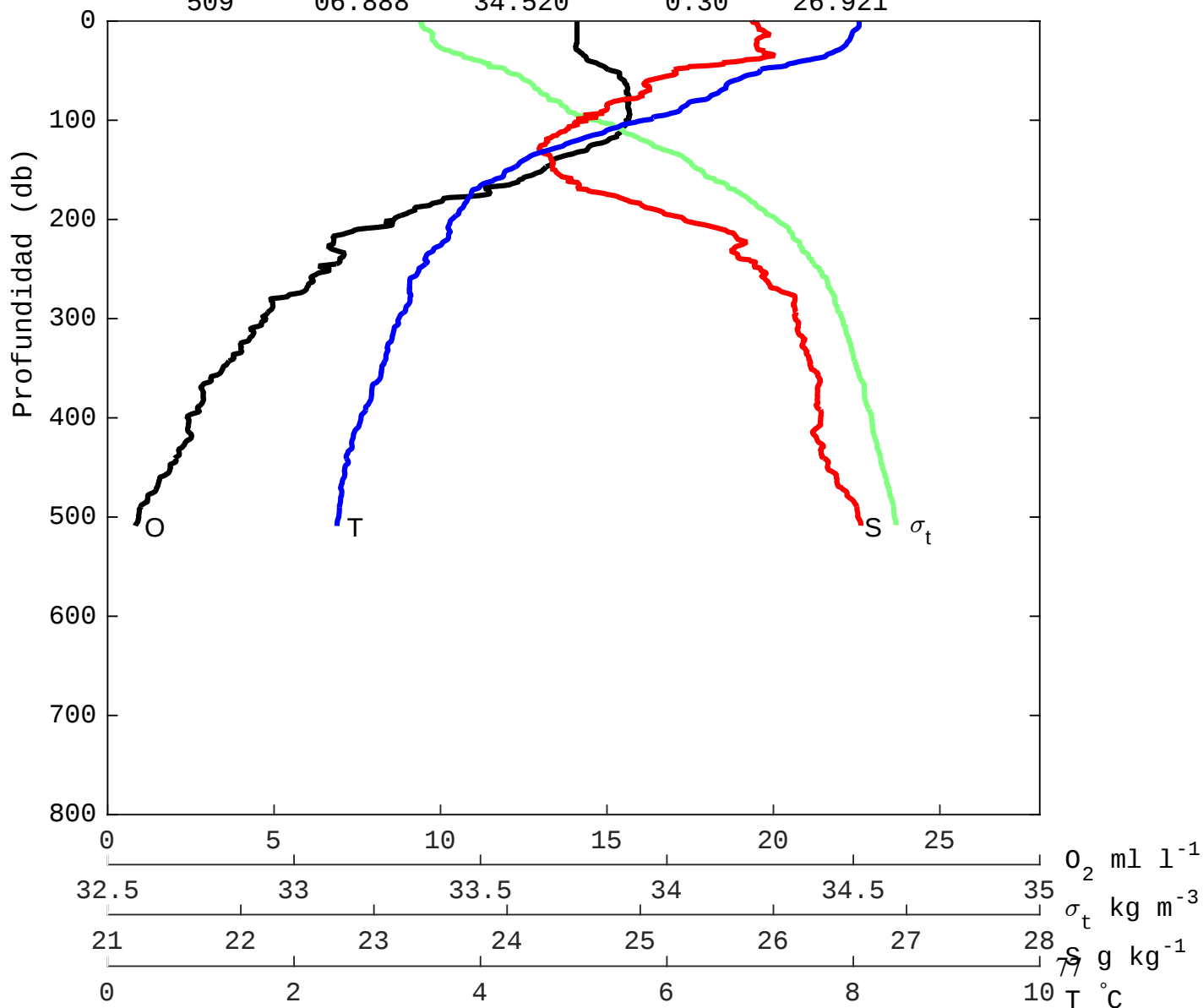
0	22.546	34.235	4.96	23.361
10	22.591	34.232	4.96	23.346
20	22.521	34.234	4.95	23.367
30	21.503	34.188	4.97	23.616
50	18.523	33.880	5.59	24.164
75	17.517	33.938	5.55	24.454
100	15.565	33.818	5.53	24.813
125	13.637	33.727	5.18	25.155
150	11.867	33.720	4.68	25.496
200	09.957	34.049	3.38	26.089
250	09.138	34.216	2.85	26.353
300	08.609	34.344	1.74	26.535
400	07.611	34.434	0.82	26.754
500	07.213	34.552	0.23	26.901
507	07.222	34.564	0.19	26.909



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 113.105 069 26°52.88 -120°11.16 28072014 23:26 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

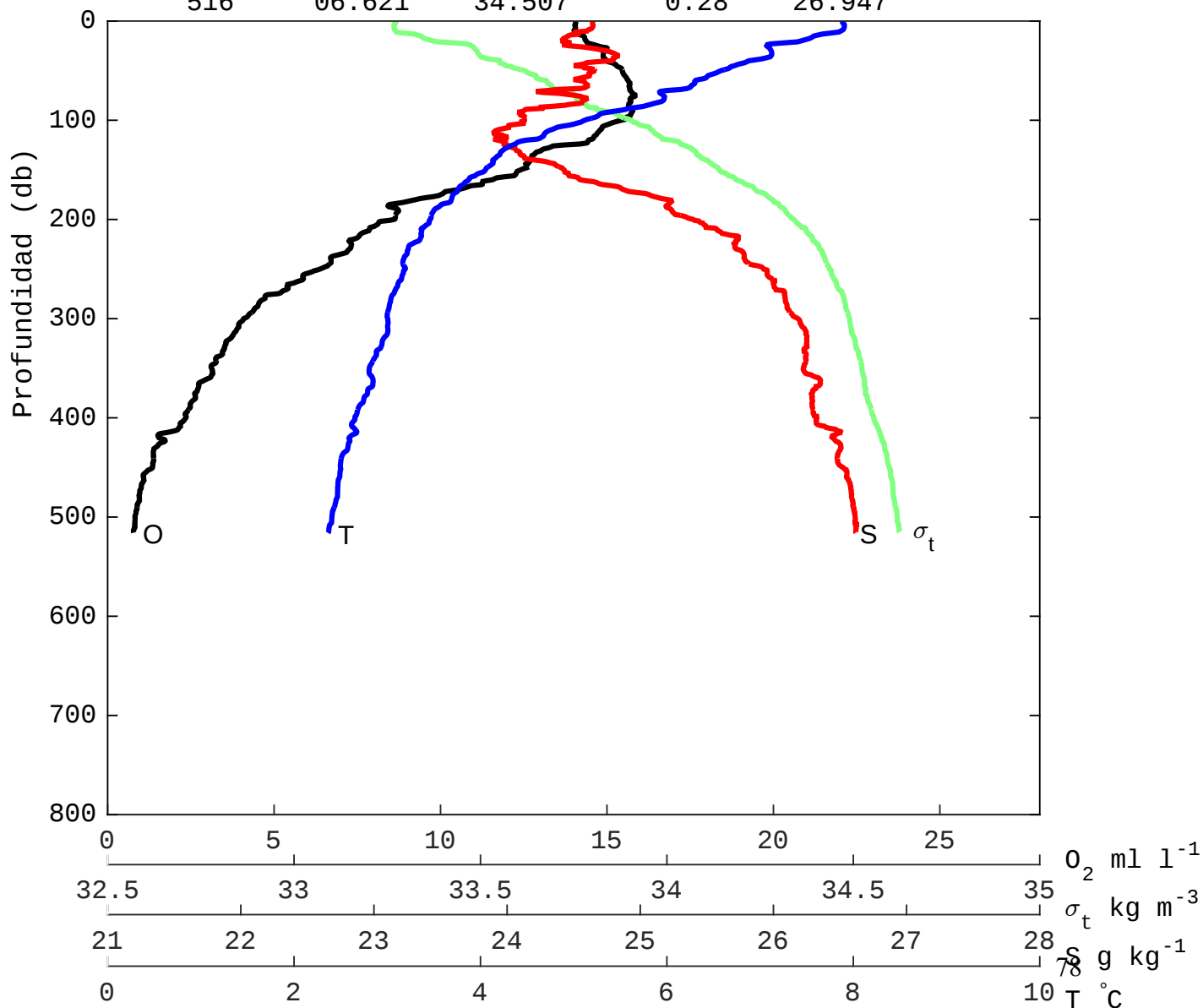
0	22.571	34.229	5.04	23.349
10	22.407	34.261	5.04	23.420
20	22.263	34.239	5.04	23.444
30	21.878	34.263	5.06	23.569
50	19.601	34.019	5.41	23.995
75	18.134	33.938	5.59	24.304
100	16.102	33.789	5.56	24.670
125	13.721	33.669	5.19	25.093
150	12.036	33.698	4.67	25.447
200	10.333	34.047	3.08	26.024
250	09.346	34.252	2.37	26.347
300	08.745	34.345	1.69	26.515
400	07.611	34.412	0.86	26.737
500	06.942	34.511	0.33	26.907
509	06.888	34.520	0.30	26.921



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 113.90 070 27°23.03 -119°13.19 31072014 14:14 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

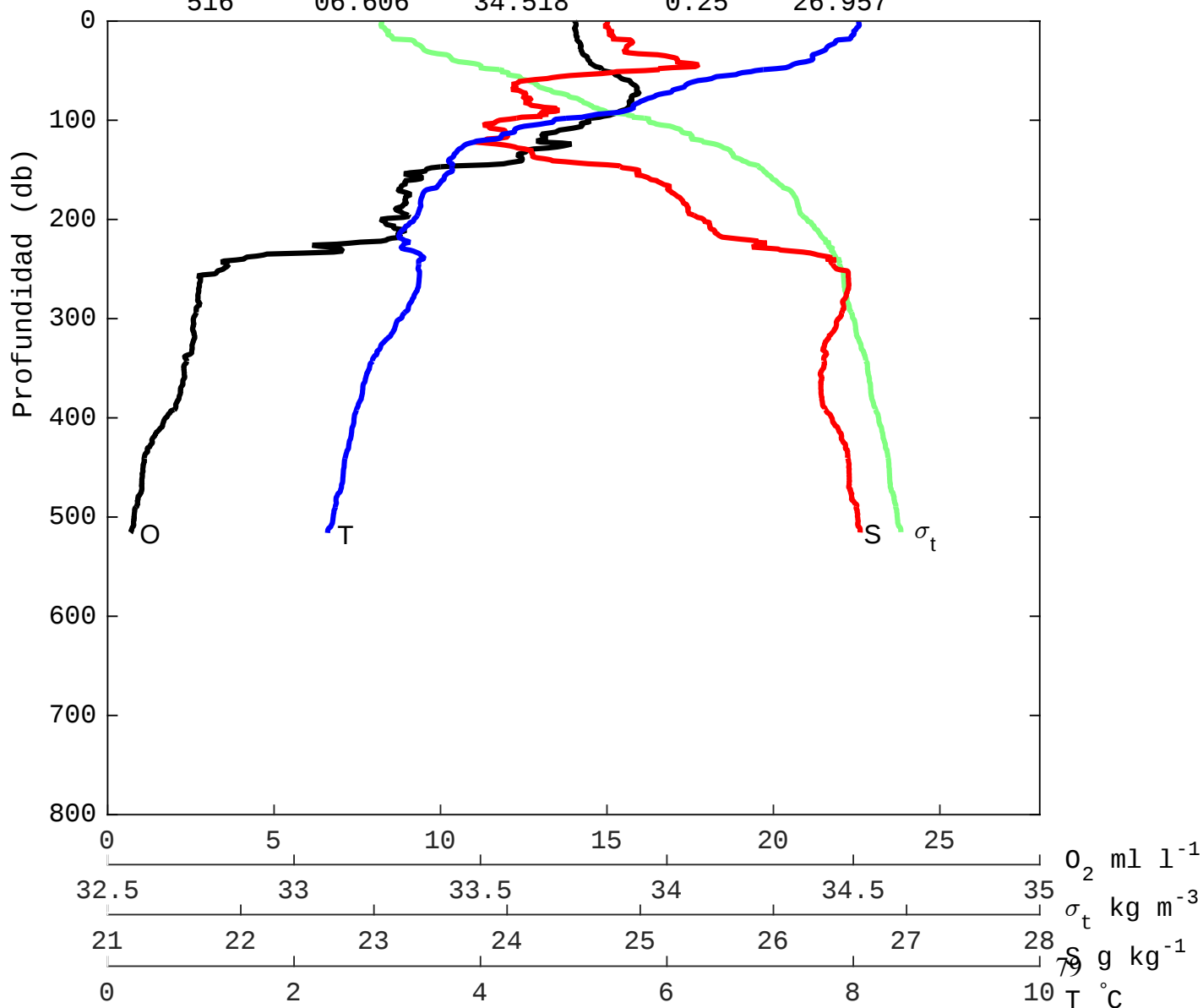
0	22.075	33.801	5.02	23.165
10	22.024	33.789	5.00	23.171
20	20.833	33.715	5.13	23.441
30	19.934	33.837	5.33	23.771
50	18.424	33.807	5.52	24.132
75	16.694	33.754	5.67	24.508
100	14.329	33.618	5.51	24.927
125	12.170	33.566	4.89	25.320
150	11.347	33.724	4.43	25.595
200	09.685	34.069	3.08	26.150
250	08.946	34.256	2.28	26.415
300	08.416	34.351	1.46	26.570
400	07.427	34.399	0.84	26.752
500	06.738	34.505	0.29	26.929
516	06.621	34.507	0.28	26.947



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 113.80 071 27°42.80 -118°34.35 31072014 20:26 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

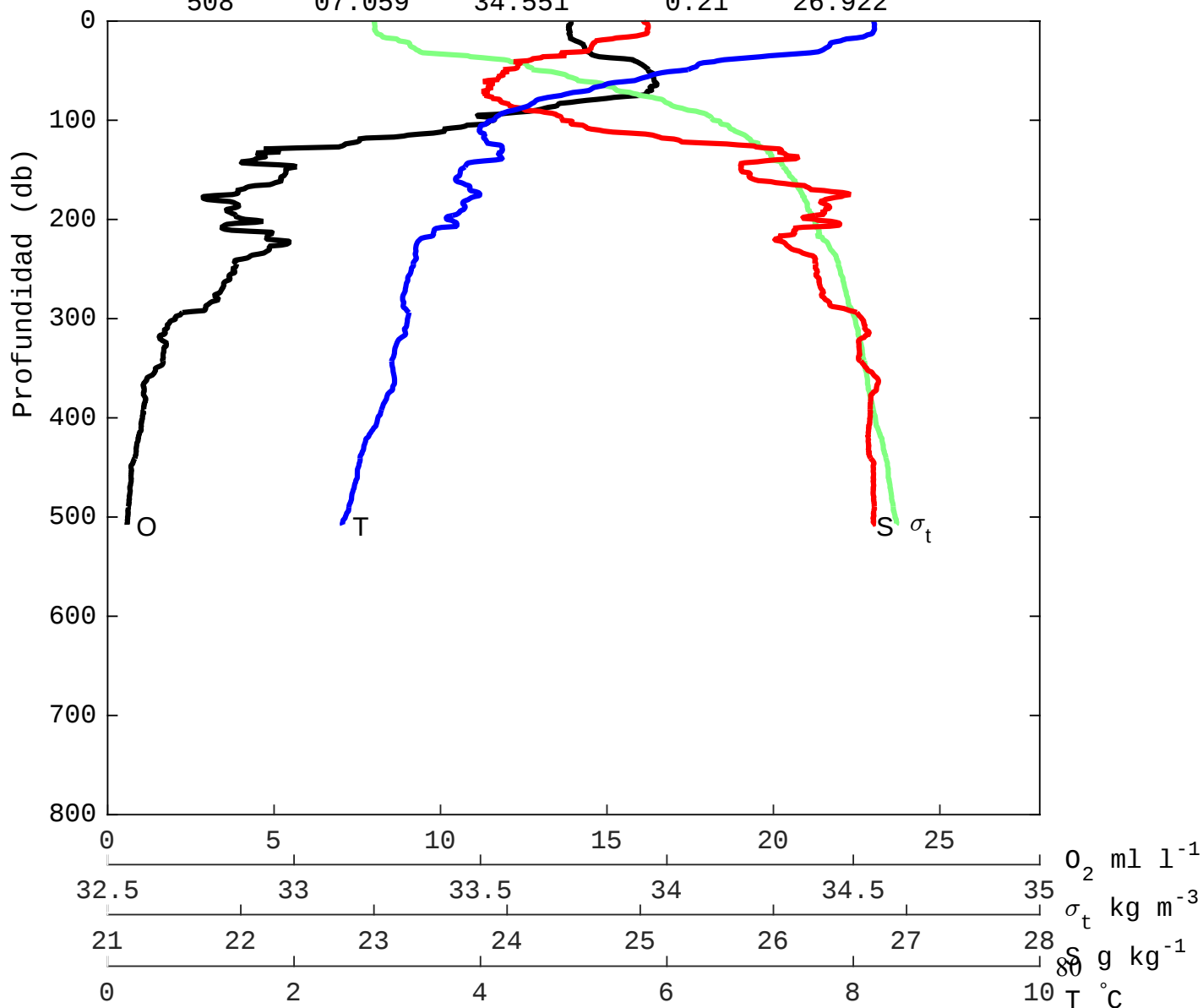
0	22.563	33.841	5.01	23.059
10	22.423	33.848	5.03	23.103
20	21.869	33.905	5.04	23.301
30	21.502	33.886	5.08	23.388
50	19.453	33.940	5.32	23.974
75	16.467	33.625	5.64	24.461
100	13.412	33.552	5.15	25.066
125	10.728	33.563	4.94	25.581
150	10.359	33.920	3.41	25.921
200	09.202	34.098	2.93	26.251
250	09.323	34.454	1.25	26.508
300	08.797	34.462	0.92	26.598
400	07.404	34.442	0.62	26.789
500	06.775	34.511	0.29	26.929
516	06.606	34.518	0.25	26.957



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 113.75 072 27°52.97 -118°14.88 01082014 00:18 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

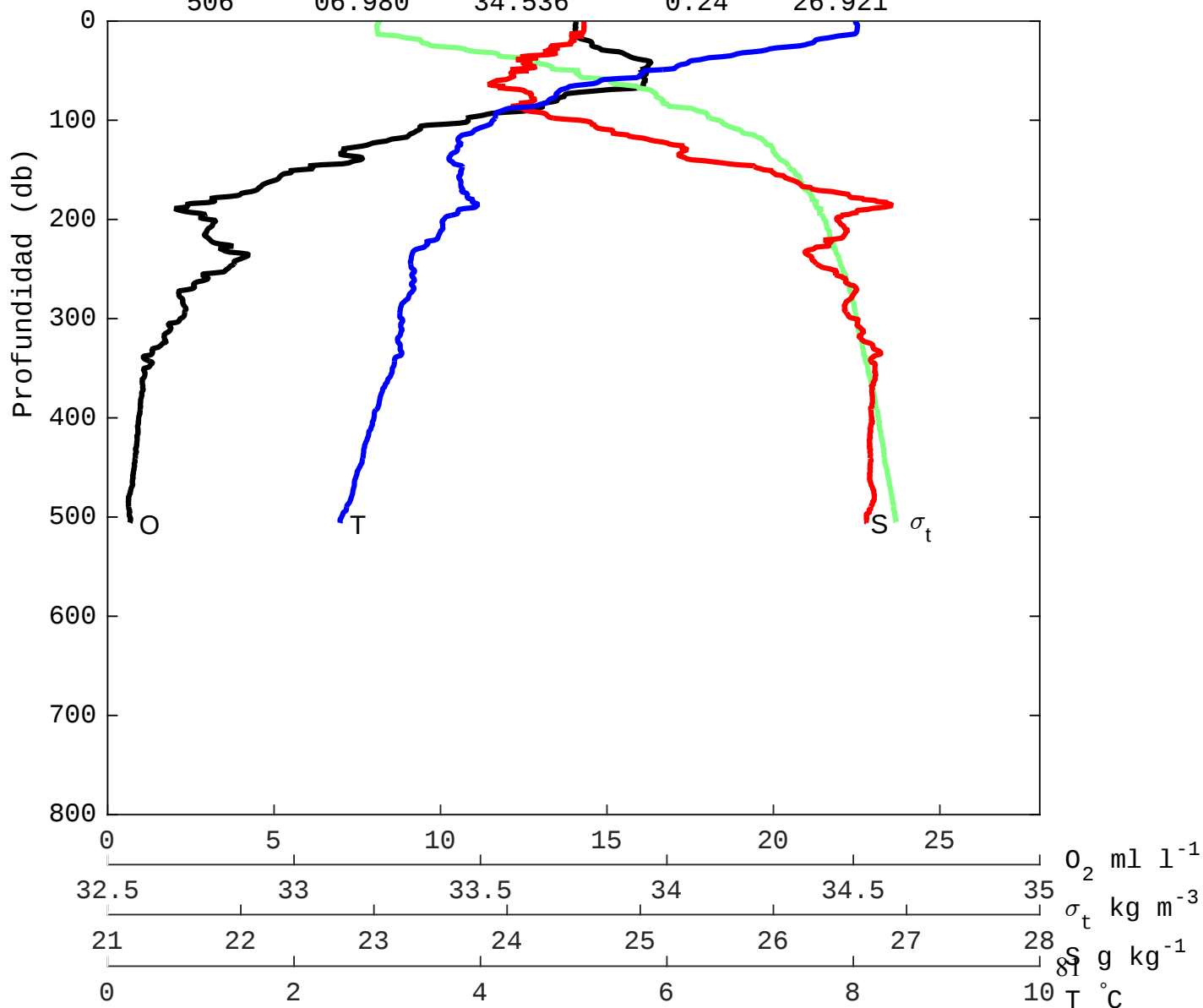
0	23.018	33.937	4.97	23.002
10	23.007	33.948	4.97	23.013
20	22.014	33.808	5.02	23.188
30	21.428	33.792	5.13	23.338
50	17.201	33.563	5.80	24.243
75	13.624	33.511	5.71	24.992
100	11.586	33.716	4.15	25.545
125	11.783	34.191	2.54	25.876
150	10.605	34.200	1.91	26.096
200	10.193	34.399	1.47	26.321
250	09.124	34.399	1.33	26.497
300	09.009	34.523	0.73	26.612
400	08.120	34.544	0.37	26.764
500	07.141	34.555	0.21	26.913
508	07.059	34.551	0.21	26.922



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 113.70 073 28°02.95 -117°55.52 01082014 03:53 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

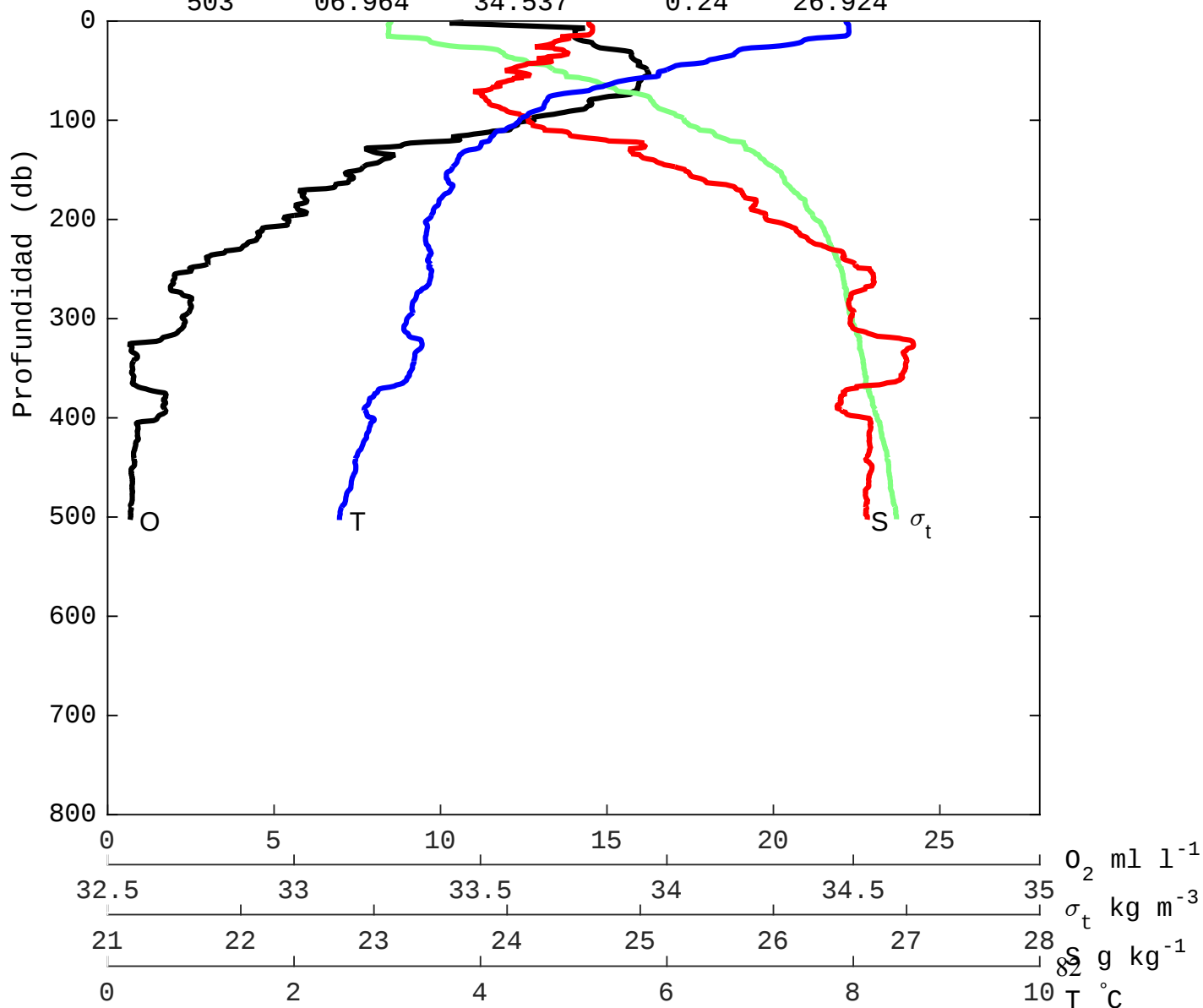
0	22.464	33.778	5.02	23.039
10	22.507	33.777	5.02	23.026
20	21.245	33.748	5.17	23.354
30	19.663	33.679	5.37	23.721
50	16.112	33.629	5.72	24.546
75	13.469	33.636	4.90	25.119
100	11.569	33.765	3.87	25.586
125	10.594	34.019	2.79	25.957
150	10.645	34.259	2.06	26.134
200	10.103	34.455	1.08	26.379
250	09.175	34.437	1.29	26.519
300	08.843	34.501	0.78	26.621
400	07.999	34.550	0.33	26.787
500	07.028	34.536	0.23	26.914
506	06.980	34.536	0.24	26.921



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 113.65 074 28°12.96 -117°35.89 01082014 10:51 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

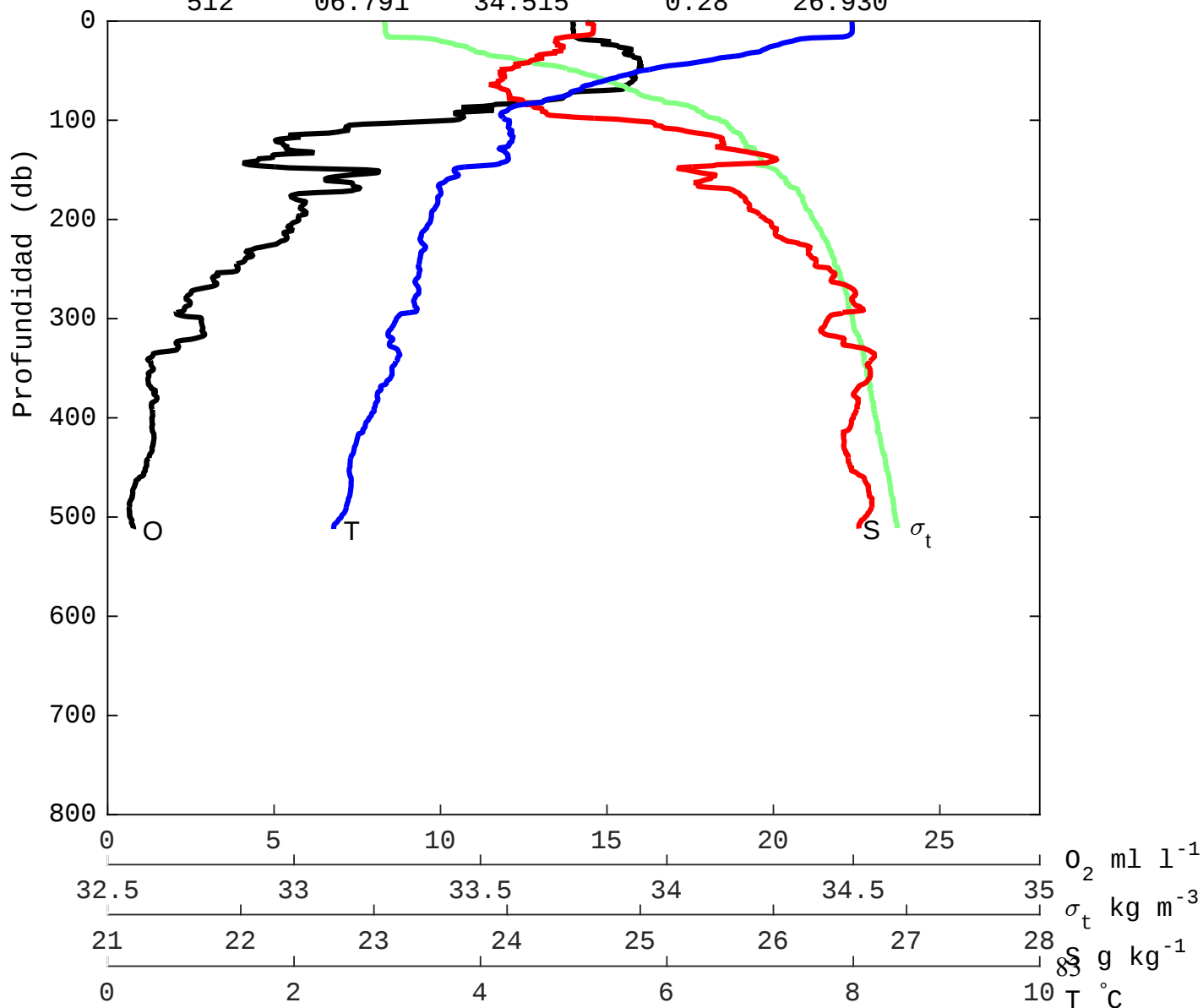
0	22.181	33.791	3.82	23.128
10	22.269	33.800	5.01	23.111
20	20.888	33.707	5.10	23.419
30	18.933	33.725	5.55	23.943
50	16.713	33.566	5.79	24.360
75	13.378	33.501	5.52	25.034
100	12.376	33.628	4.57	25.329
125	11.219	33.933	3.16	25.780
150	10.323	34.050	2.71	26.028
200	09.621	34.266	1.93	26.313
250	09.693	34.548	0.88	26.520
300	08.993	34.493	0.80	26.590
400	07.969	34.529	0.53	26.775
500	06.967	34.538	0.25	26.924
503	06.964	34.537	0.24	26.924



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 113.60 075 28°22.98 -117°16.26 01082014 14:16 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

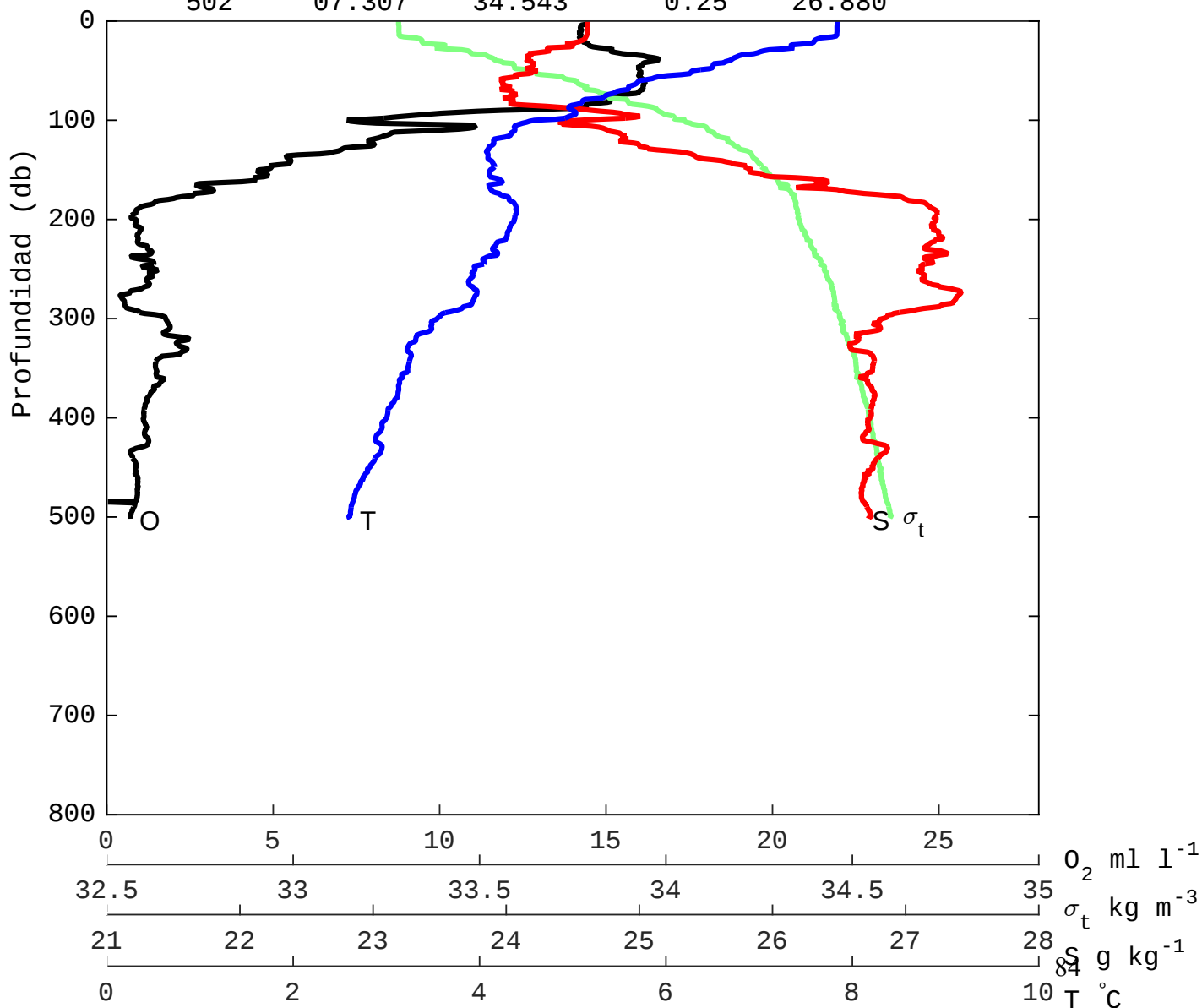
0	22.360	33.794	4.99	23.080
10	22.366	33.802	5.01	23.085
20	20.593	33.698	5.32	23.491
30	19.638	33.721	5.60	23.760
50	16.021	33.569	5.72	24.521
75	13.786	33.582	4.91	25.013
100	12.037	33.892	3.71	25.597
125	12.058	34.153	1.89	25.794
150	10.402	34.052	2.77	26.016
200	09.711	34.263	2.05	26.296
250	09.380	34.436	1.40	26.485
300	08.676	34.433	1.01	26.594
400	07.852	34.501	0.47	26.771
500	07.018	34.532	0.24	26.912
512	06.791	34.515	0.28	26.930



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 113.55 077 28°32.77 -116°56.62 01082014 18:53 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

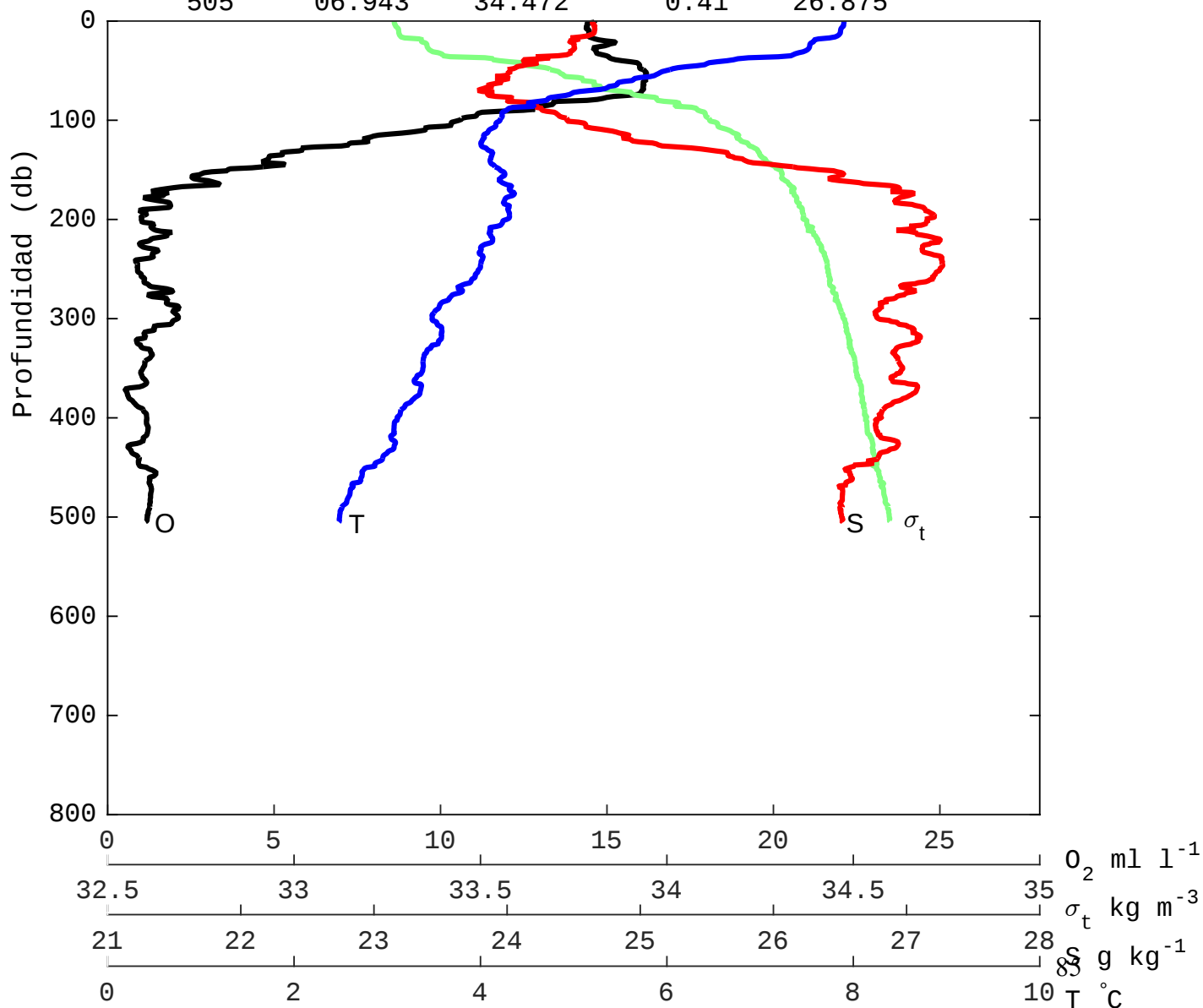
0	21.952	33.790	5.16	23.192
10	21.939	33.788	5.10	23.194
20	21.257	33.771	5.11	23.368
30	19.731	33.690	5.40	23.712
50	17.609	33.656	5.71	24.216
75	14.988	33.594	5.43	24.768
100	12.848	33.774	2.58	25.349
125	11.587	33.928	2.87	25.708
150	11.519	34.232	1.64	25.955
200	12.239	34.725	0.31	26.200
250	11.061	34.691	0.50	26.393
300	09.925	34.583	0.63	26.508
400	08.404	34.547	0.40	26.724
500	07.272	34.550	0.25	26.891
502	07.307	34.543	0.25	26.880



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 113.50 078 28°42.95 -116°36.97 01082014 22:52 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

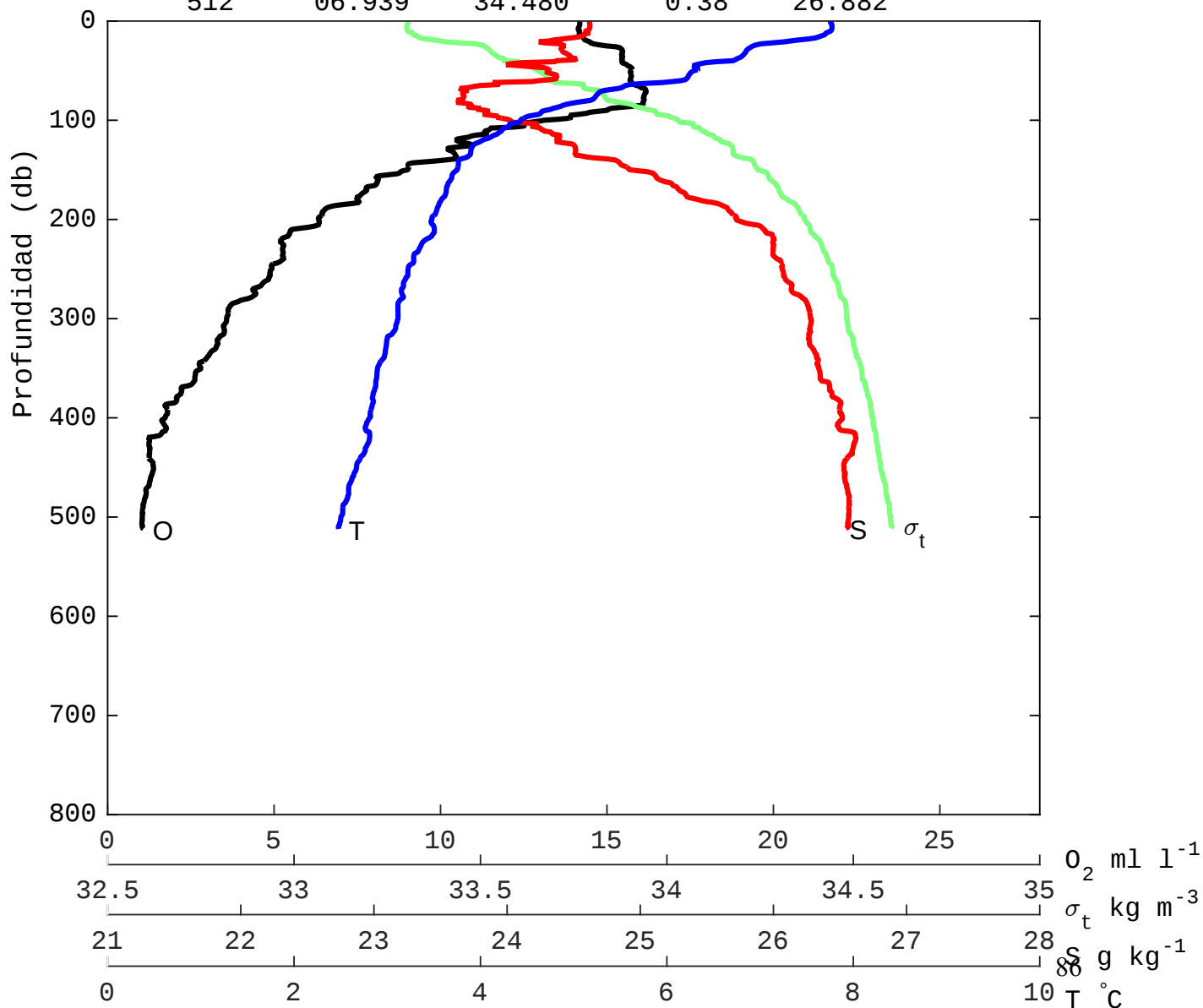
0	22.119	33.800	5.23	23.153
10	22.016	33.806	5.17	23.186
20	21.217	33.738	5.34	23.354
30	20.965	33.746	5.25	23.429
50	16.770	33.578	5.76	24.356
75	13.756	33.522	5.58	24.973
100	11.788	33.733	3.77	25.520
125	11.220	33.977	2.59	25.814
150	11.785	34.409	1.29	26.043
200	11.985	34.693	0.37	26.224
250	11.164	34.731	0.32	26.406
300	09.746	34.566	0.76	26.524
400	08.695	34.575	0.42	26.700
500	06.968	34.469	0.43	26.870
505	06.943	34.472	0.41	26.875



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 113.45 079 28°53.05 -116°17.15 02082014 02:24 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

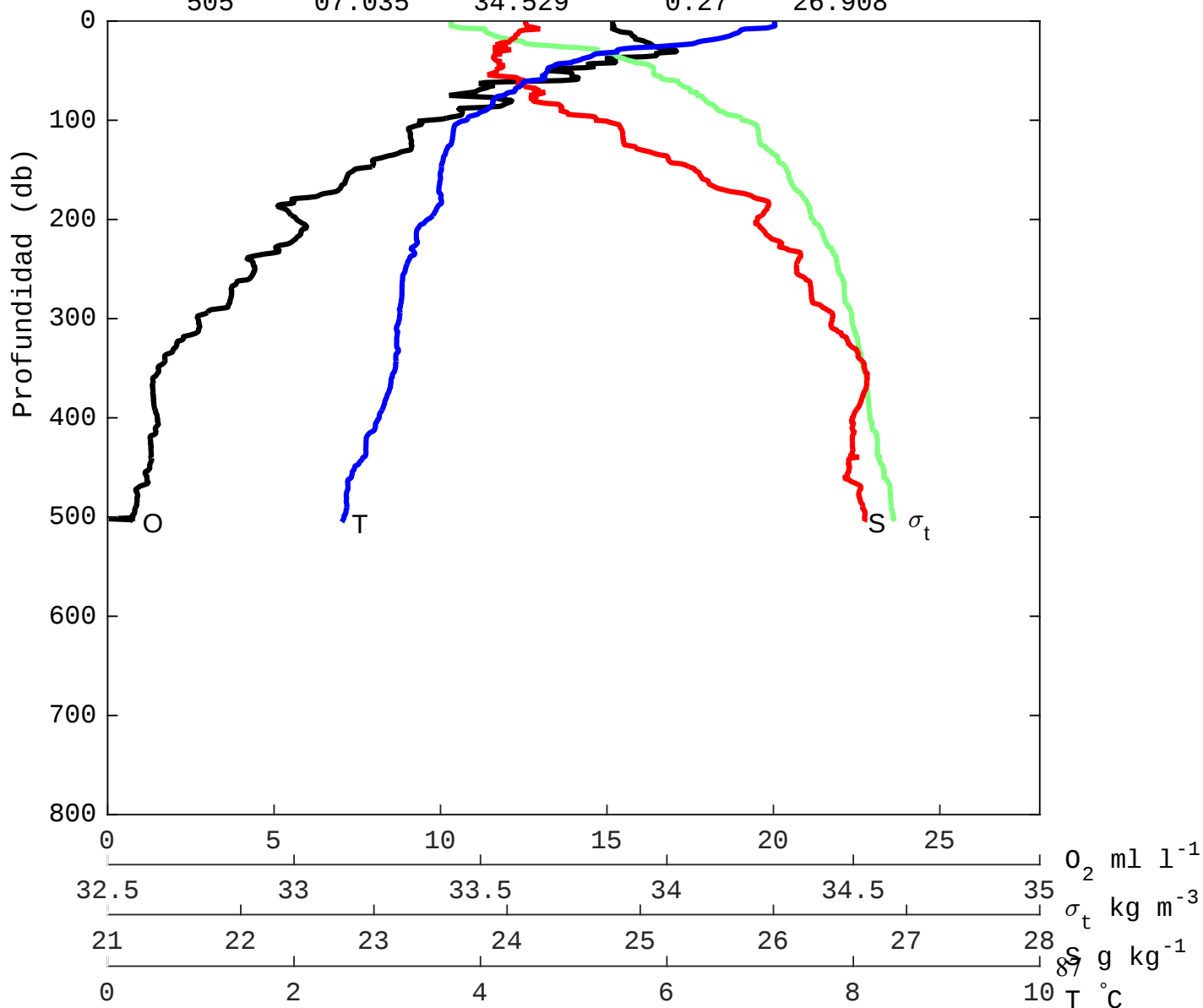
0	21.716	33.793	5.07	23.259
10	21.722	33.782	5.07	23.249
20	20.527	33.685	5.15	23.499
30	19.184	33.719	5.52	23.875
50	17.613	33.687	5.61	24.239
75	14.678	33.457	5.76	24.730
100	12.402	33.580	4.68	25.286
125	10.986	33.751	3.91	25.680
150	10.501	33.900	3.22	25.881
200	09.739	34.185	2.26	26.231
250	09.026	34.309	1.76	26.443
300	08.723	34.384	1.28	26.549
400	07.870	34.473	0.62	26.746
500	07.007	34.488	0.37	26.880
512	06.939	34.480	0.38	26.882



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 113.40 080 29°03.03 -115°57.68 02082014 06:07 NaN NaN

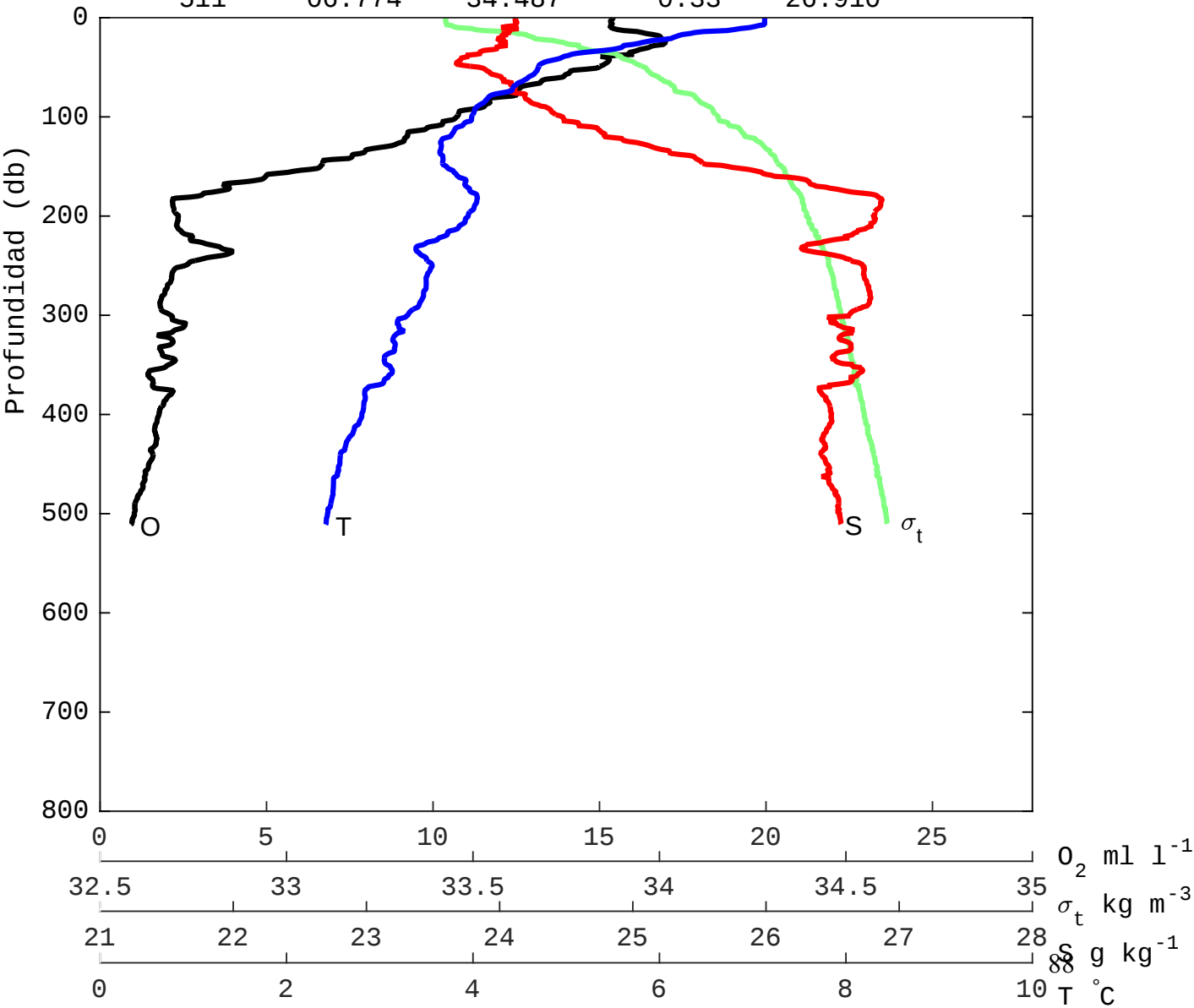
PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

0	20.028	33.621	5.42	23.582
10	19.000	33.605	5.48	23.835
20	17.890	33.580	5.75	24.090
30	15.296	33.561	6.10	24.677
50	13.212	33.547	4.72	25.103
75	11.892	33.631	3.66	25.423
100	10.778	33.805	3.45	25.760
125	10.297	33.887	3.26	25.906
150	10.027	34.075	2.64	26.098
200	09.615	34.245	2.02	26.298
250	08.945	34.348	1.58	26.486
300	08.765	34.444	0.97	26.589
400	08.155	34.499	0.53	26.724
500	07.103	34.530	0.27	26.899
505	07.035	34.529	0.27	26.908



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
113.35 081 29°12.99 -115°37.94 02082014 12:35 NaN NaN

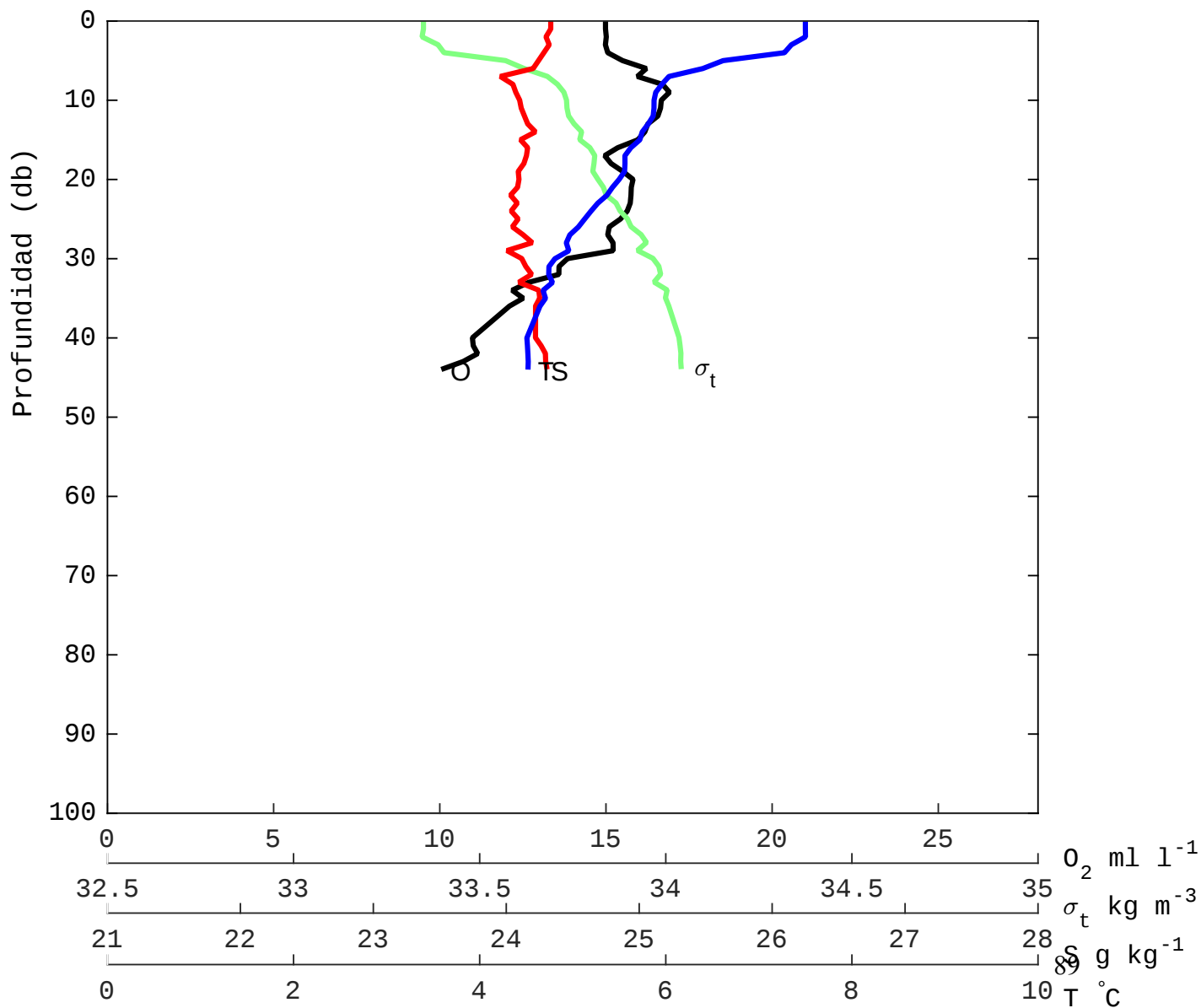
PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
0	19.958	33.614	5.50	23.595
10	19.501	33.576	5.48	23.685
20	17.214	33.586	6.01	24.257
30	15.666	33.559	5.89	24.593
50	13.172	33.516	5.35	25.087
75	12.201	33.602	4.45	25.343
100	11.159	33.740	3.82	25.641
125	10.233	33.918	3.25	25.941
150	10.405	34.181	2.37	26.115
200	11.057	34.574	0.85	26.304
250	09.976	34.545	0.91	26.470
300	09.237	34.509	0.76	26.564
400	07.862	34.461	0.63	26.738
500	06.831	34.483	0.36	26.900
511	06.774	34.487	0.33	26.910



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 113.30 082 29°23.12 -115°18.13 02082014 16:10 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

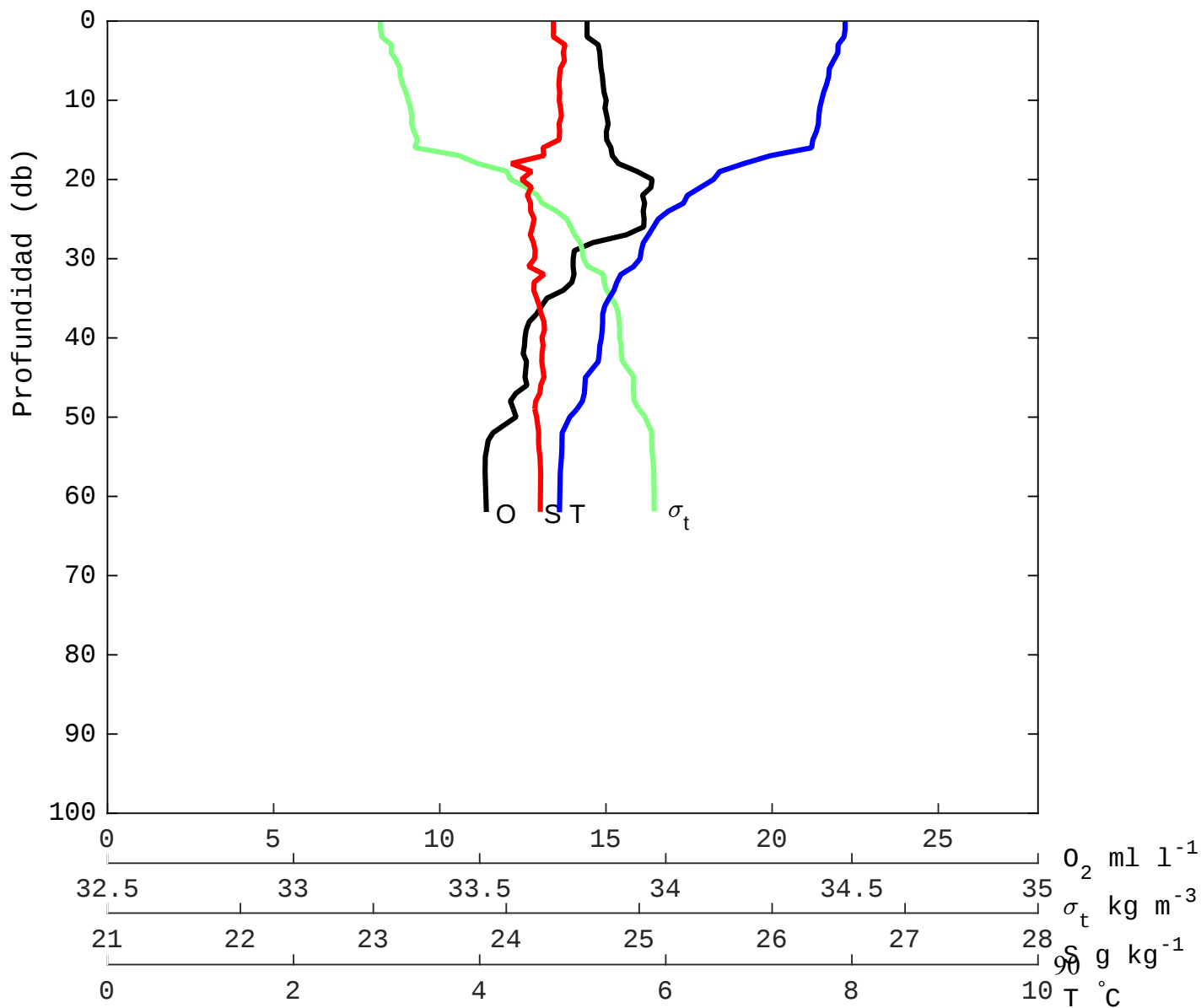
0	21.000	33.691	5.35	23.377
10	16.447	33.607	5.95	24.453
20	15.395	33.606	5.65	24.689
30	13.464	33.613	4.94	25.103
44	12.653	33.681	3.59	25.317



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 117.26 083 28°55.66 -114°40.25 02082014 21:53 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

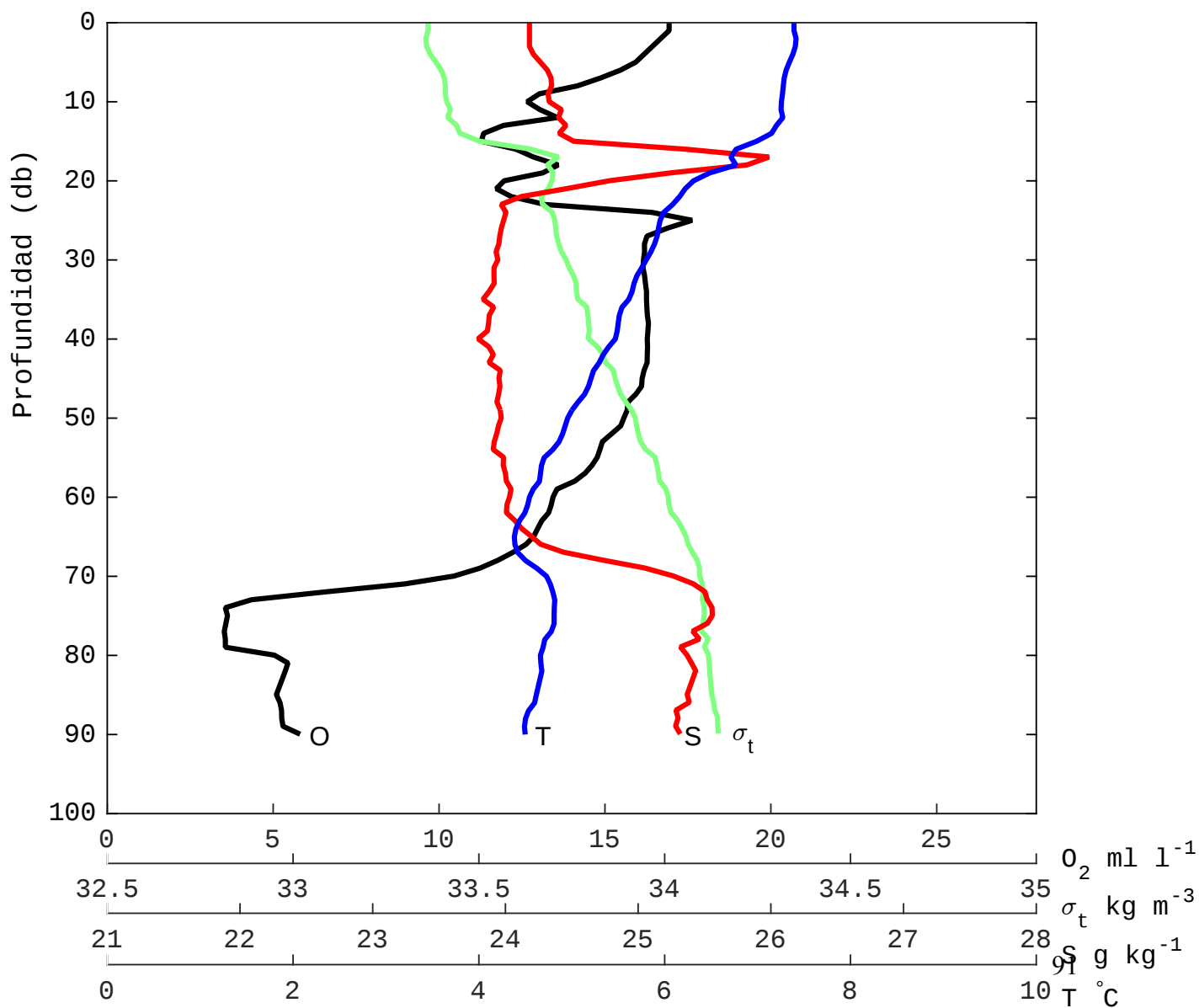
0	22.197	33.698	5.15	23.054
10	21.489	33.714	5.36	23.262
20	18.235	33.613	5.85	24.031
30	16.026	33.648	5.01	24.580
50	13.909	33.653	4.39	25.043
62	13.601	33.663	4.07	25.113



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 117.30 084 28°47.66 -114°55.92 03082014 00:23 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

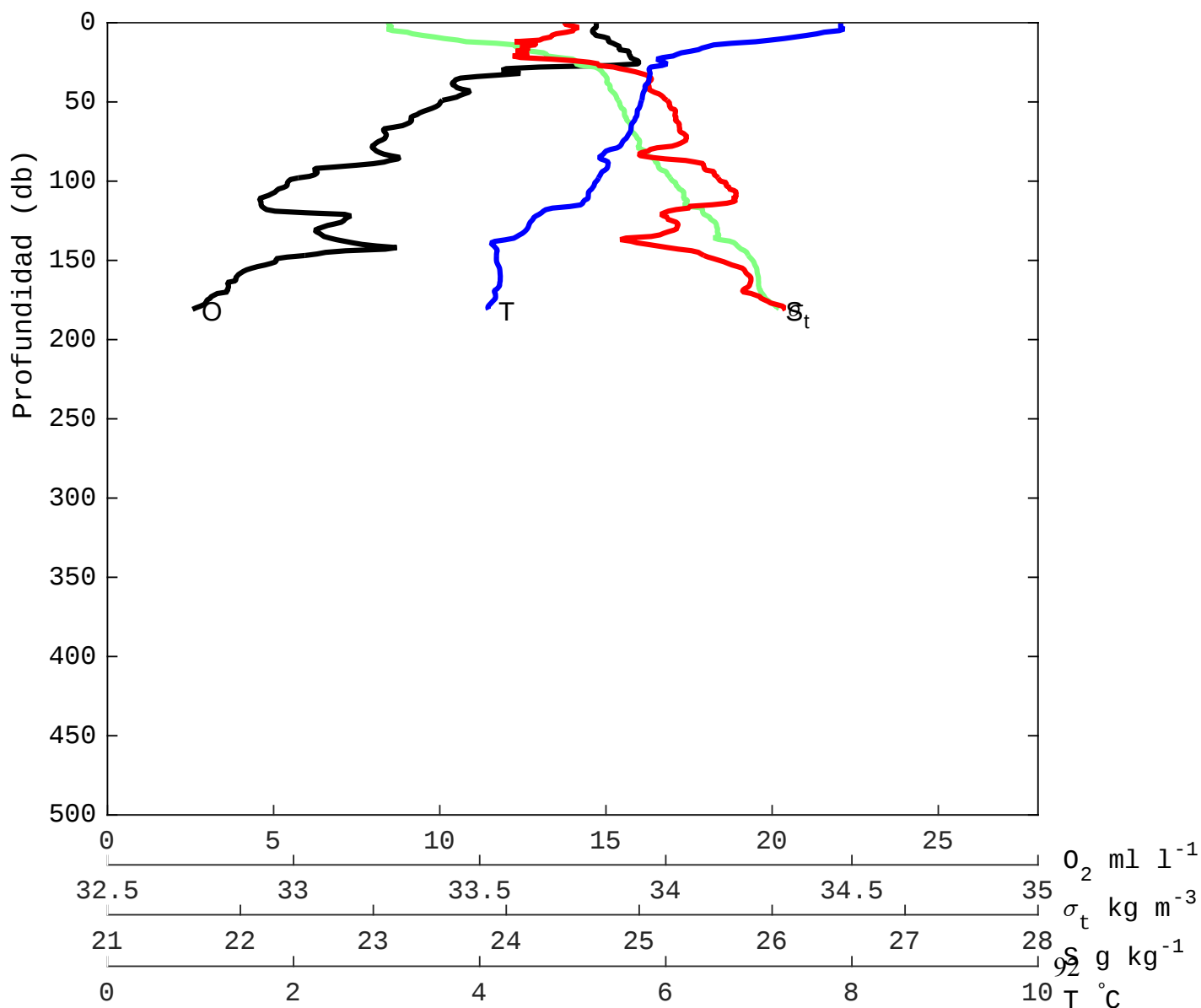
0	20.697	33.636	6.05	23.417
10	20.319	33.689	4.52	23.558
20	17.667	33.851	4.27	24.352
30	16.243	33.551	5.77	24.457
50	13.876	33.560	5.56	24.978
75	13.467	34.128	1.29	25.499
90	12.595	34.042	2.08	25.605



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 117.35 085 28°37.58 -115°15.64 03082014 03:13 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

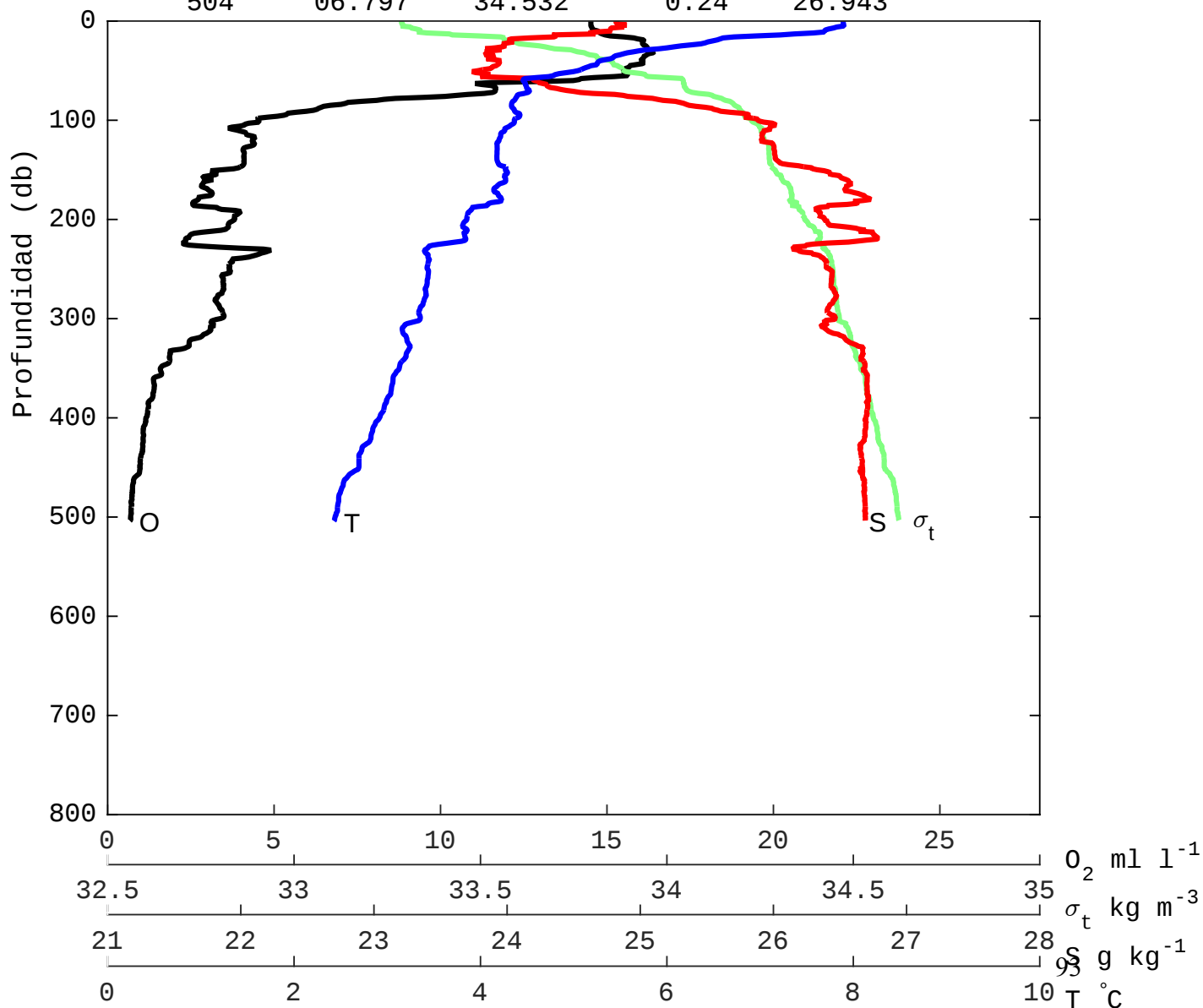
0	22.063	33.729	5.25	23.115
10	20.357	33.671	5.39	23.534
20	17.133	33.622	5.61	24.304
30	16.299	33.898	4.24	24.709
50	16.055	34.008	3.58	24.849
75	15.507	34.049	2.91	25.003
100	14.713	34.147	1.95	25.251
125	12.763	34.016	2.54	25.552
150	11.705	34.142	1.81	25.851
181	11.468	34.312	0.91	26.026



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 117.40 086 28°27.61 -115°35.24 03082014 06:23 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

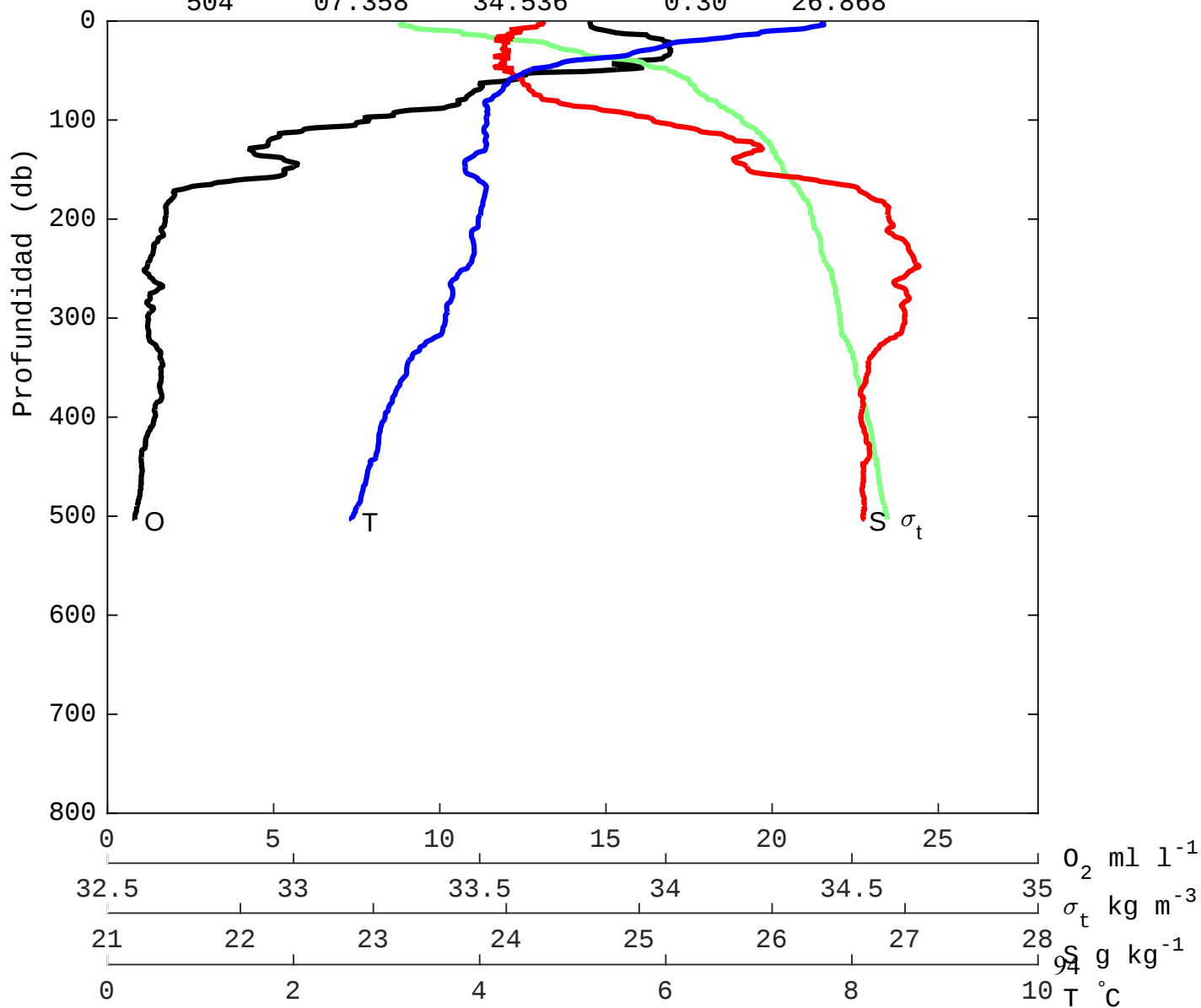
0	22.097	33.864	5.18	23.207
10	21.534	33.852	5.26	23.353
20	18.176	33.578	5.75	24.019
30	15.960	33.527	5.82	24.502
50	14.129	33.494	5.54	24.875
75	12.296	33.883	3.74	25.541
100	12.218	34.243	1.62	25.834
125	11.698	34.286	1.57	25.964
150	11.935	34.403	1.23	26.010
200	10.790	34.423	1.37	26.234
250	09.604	34.437	1.29	26.449
300	09.389	34.453	1.21	26.496
400	08.165	34.535	0.41	26.751
500	06.832	34.532	0.25	26.938
504	06.797	34.532	0.24	26.943



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 117.45 087 28°17.56 -115°54.68 03082014 10:06 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

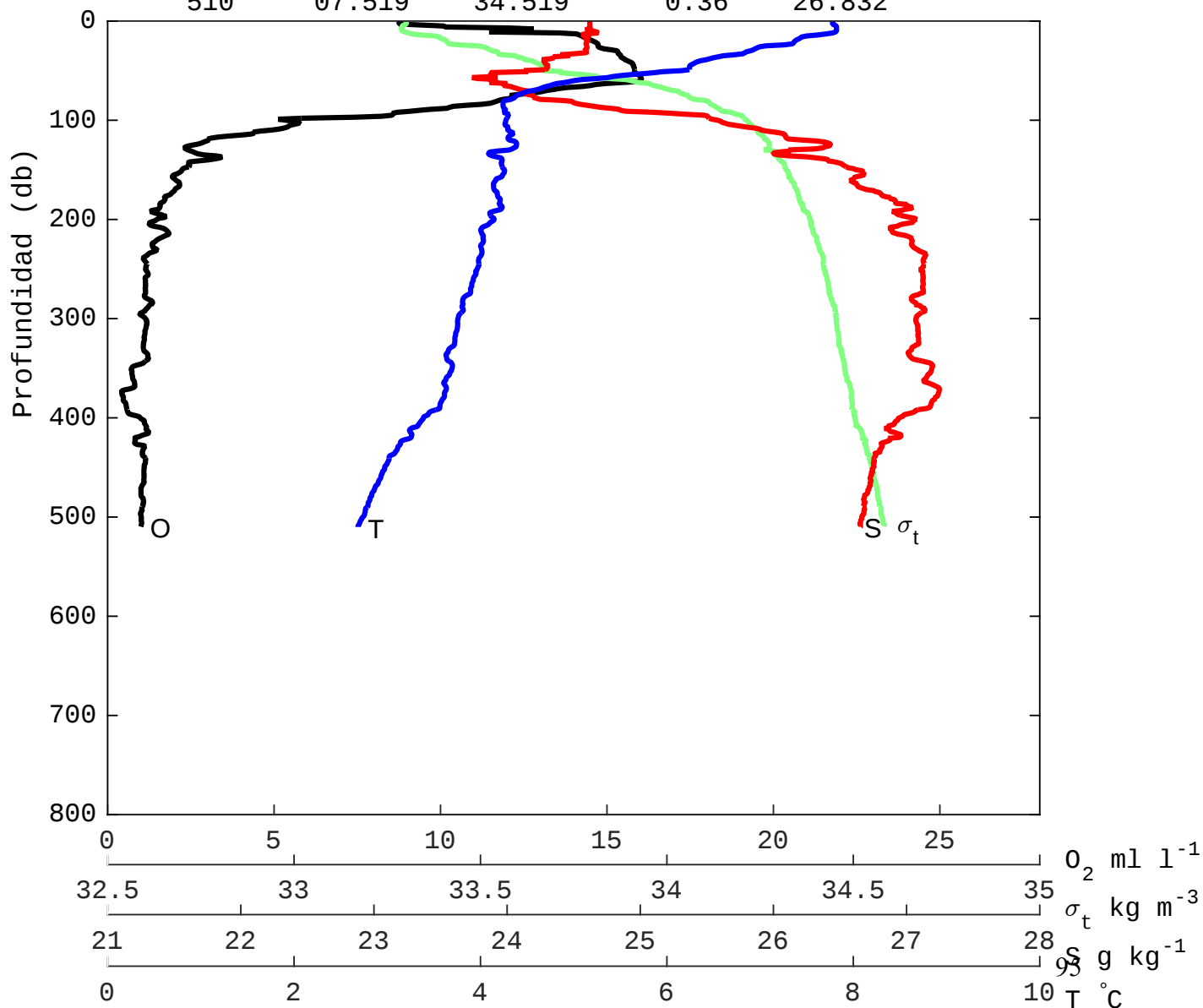
0	21.511	33.671	5.19	23.223
10	19.941	33.610	5.37	23.597
20	17.558	33.558	5.96	24.154
30	16.056	33.583	6.07	24.524
50	12.692	33.562	5.33	25.217
75	11.664	33.660	3.88	25.488
100	11.409	33.966	2.81	25.771
125	11.409	34.246	1.73	25.987
150	10.762	34.221	1.90	26.084
200	11.161	34.600	0.62	26.305
250	10.820	34.668	0.41	26.419
300	10.170	34.641	0.44	26.511
400	08.354	34.523	0.51	26.712
500	07.395	34.528	0.30	26.856
504	07.358	34.536	0.30	26.868



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 117.50 088 28°07.60 -116°14.18 03082014 13:17 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

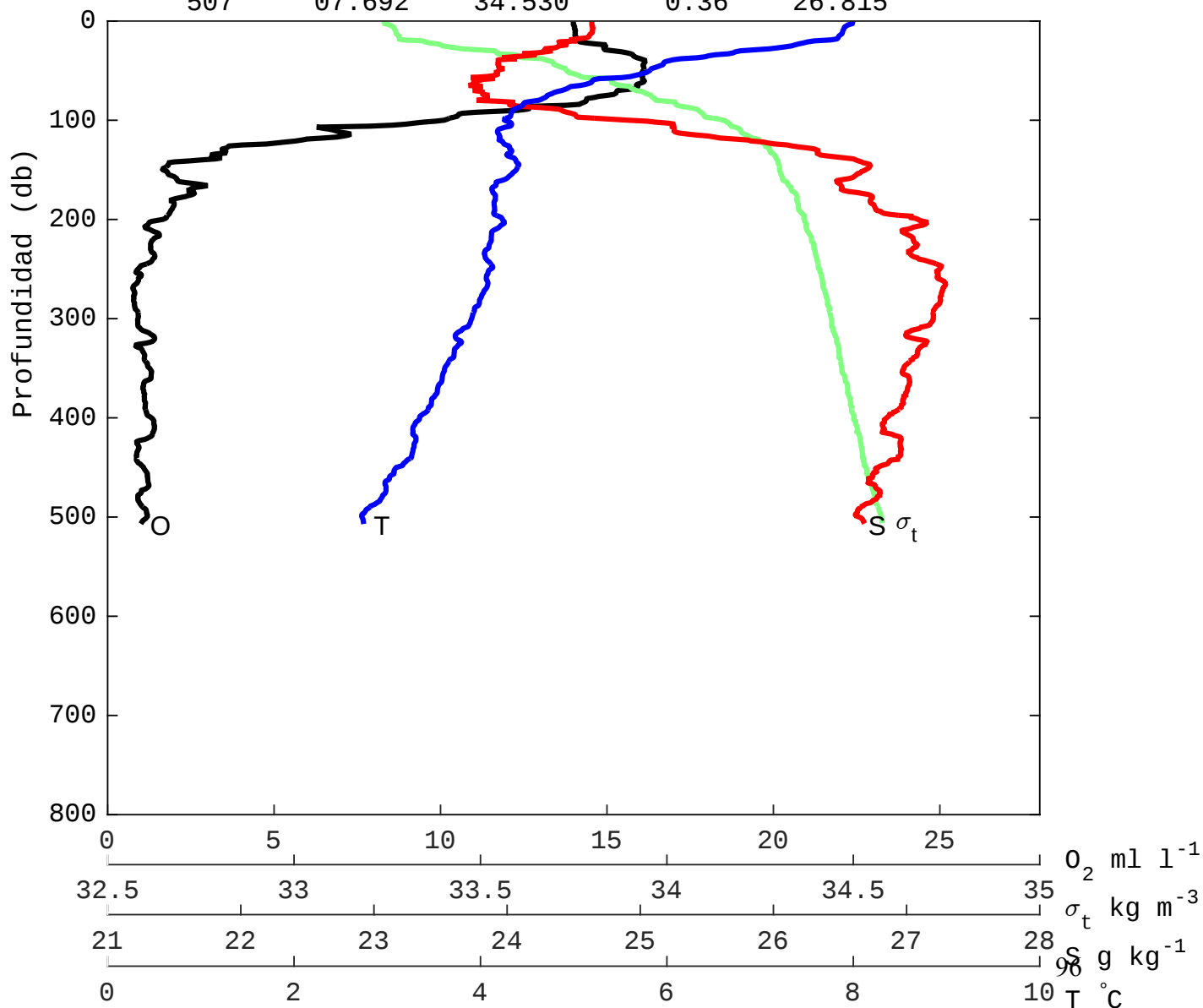
0	21.773	33.793	3.13	23.243
10	21.897	33.802	4.40	23.216
20	20.652	33.788	5.20	23.544
30	19.309	33.778	5.47	23.888
50	17.238	33.617	5.65	24.275
75	12.289	33.641	4.32	25.355
100	11.963	34.135	1.91	25.799
125	12.283	34.439	0.92	25.972
150	11.929	34.507	0.80	26.092
200	11.610	34.669	0.53	26.276
250	11.101	34.683	0.41	26.380
300	10.523	34.669	0.40	26.471
400	09.483	34.625	0.35	26.612
500	07.665	34.523	0.36	26.814
510	07.519	34.519	0.36	26.832



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 117.55 090 27°58.03 -116°33.85 03082014 18:13 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

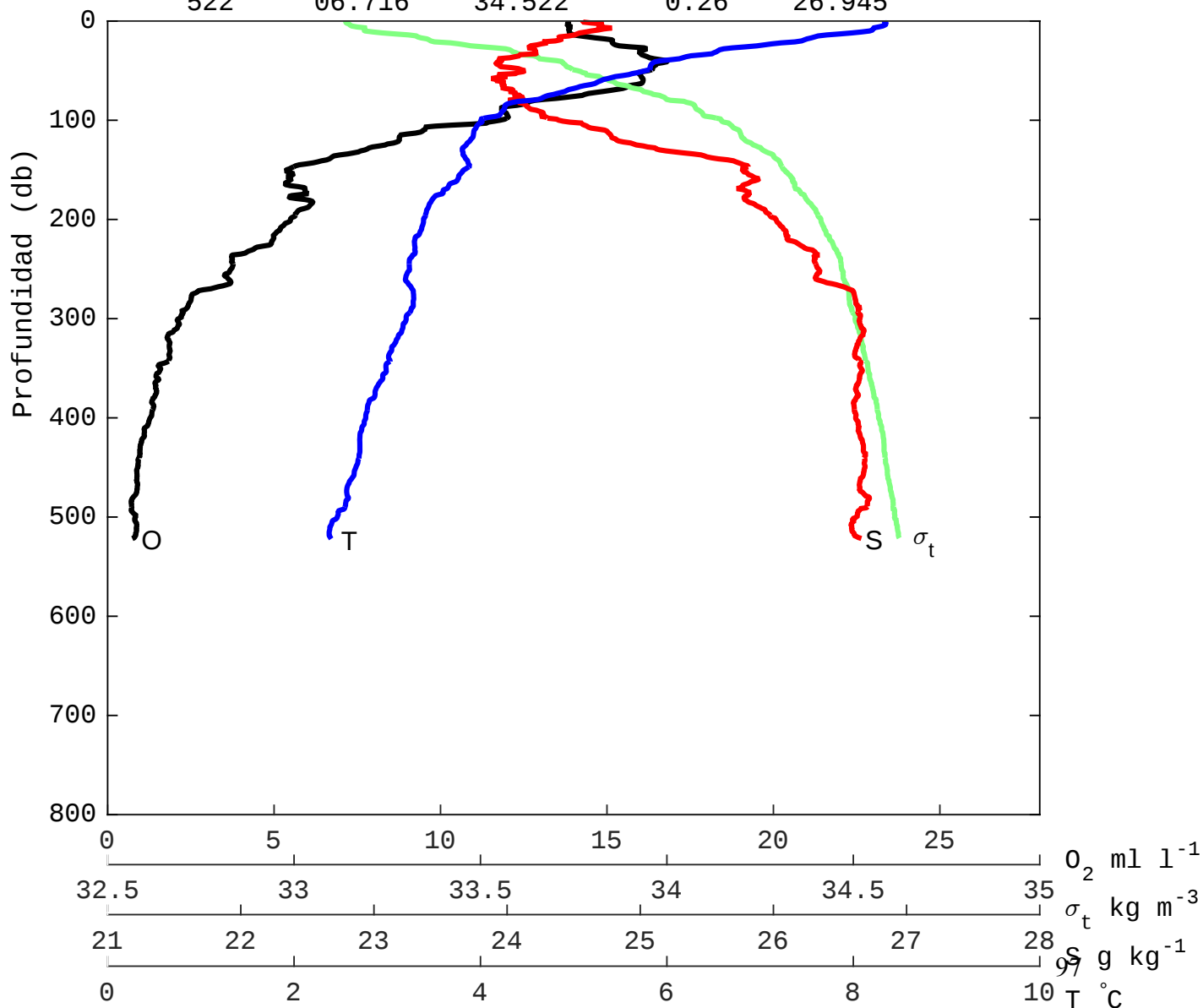
0	22.382	33.799	5.00	23.078
10	22.083	33.800	5.02	23.163
20	21.226	33.758	5.05	23.367
30	19.007	33.694	5.43	23.900
50	16.282	33.547	5.75	24.444
75	13.203	33.523	5.36	25.086
100	11.925	33.894	3.61	25.620
125	11.976	34.322	1.44	25.940
150	12.275	34.533	0.59	26.045
200	11.860	34.673	0.59	26.232
250	11.509	34.732	0.33	26.343
300	10.934	34.715	0.33	26.434
400	09.370	34.590	0.47	26.604
500	07.639	34.513	0.42	26.810
507	07.692	34.530	0.36	26.815



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 117.60 091 27°47.74 -116°53.26 03082014 21:42 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

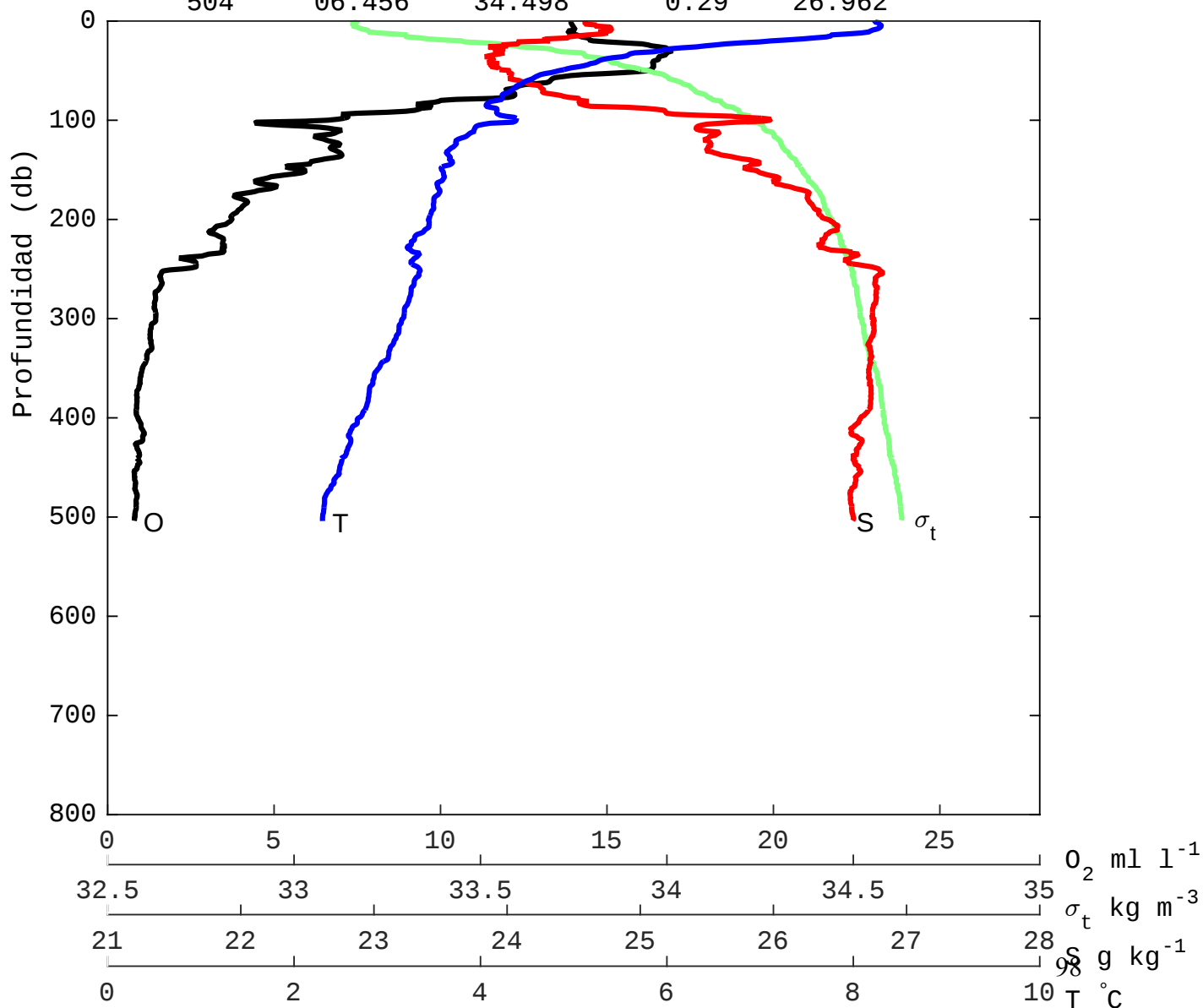
0	23.335	33.774	4.95	22.788
10	22.890	33.797	4.95	22.933
20	20.849	33.701	5.42	23.426
30	18.333	33.647	5.71	24.033
50	16.160	33.619	5.80	24.528
75	13.235	33.607	5.09	25.144
100	11.212	33.709	4.21	25.608
125	10.770	33.918	2.98	25.848
150	10.701	34.204	1.92	26.081
200	09.491	34.292	1.96	26.355
250	09.068	34.406	1.33	26.512
300	08.968	34.517	0.76	26.614
400	07.752	34.506	0.46	26.789
500	06.900	34.509	0.30	26.910
522	06.716	34.522	0.26	26.945



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 117.65 092 27°37.64 -117°12.90 04082014 01:02 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

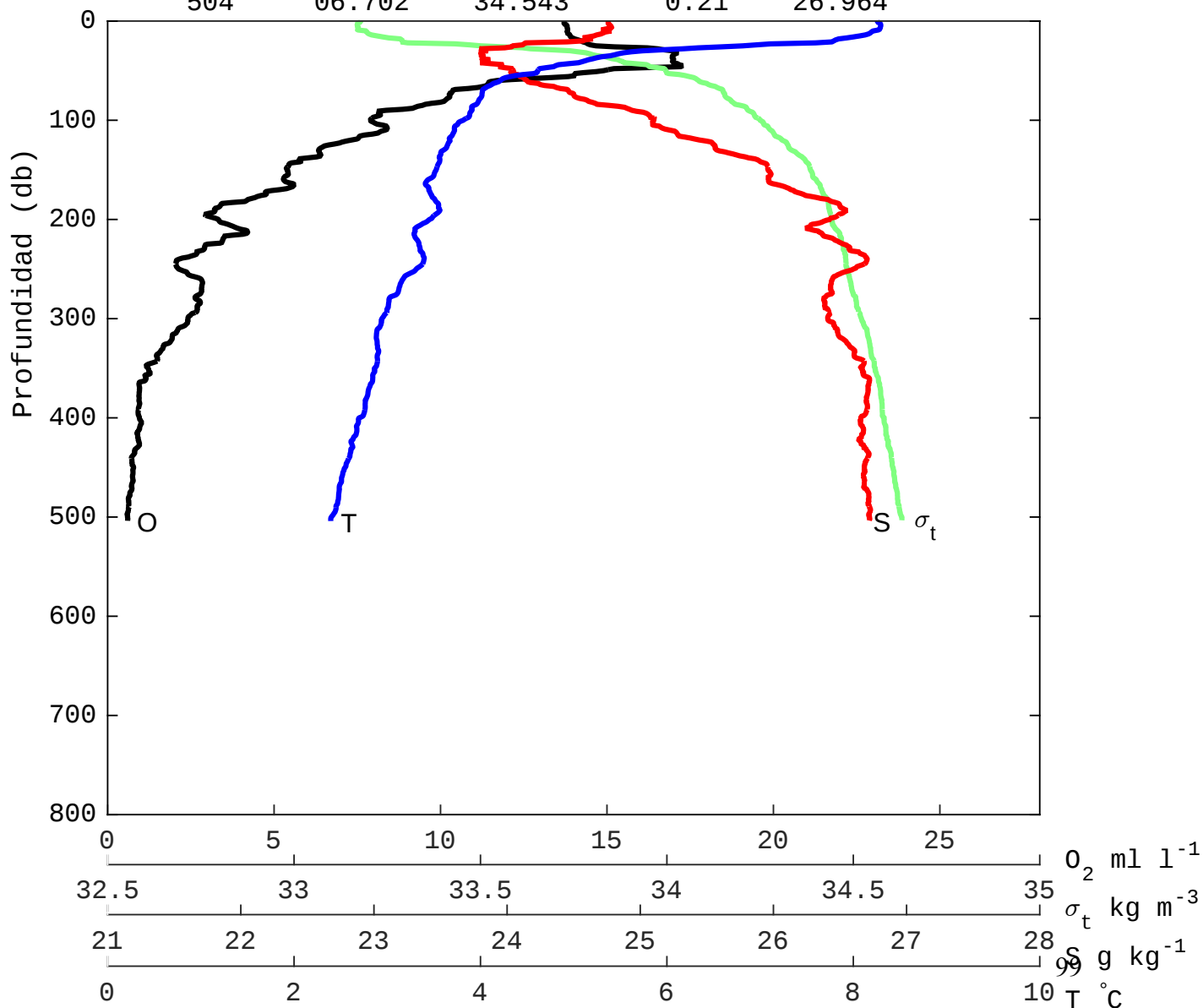
0	23.045	33.780	4.97	22.876
10	22.918	33.847	4.94	22.962
20	19.925	33.686	5.21	23.659
30	16.596	33.542	6.06	24.369
50	13.558	33.580	5.80	25.058
75	11.849	33.714	4.37	25.495
100	12.270	34.277	2.36	25.850
125	10.441	34.121	2.50	26.063
150	10.047	34.225	2.11	26.211
200	09.635	34.430	1.33	26.439
250	09.365	34.568	0.80	26.590
300	08.862	34.553	0.52	26.658
400	07.542	34.519	0.33	26.830
500	06.457	34.500	0.29	26.963
504	06.456	34.498	0.29	26.962



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 117.70 093 27°27.73 -117°31.93 04082014 04:21 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

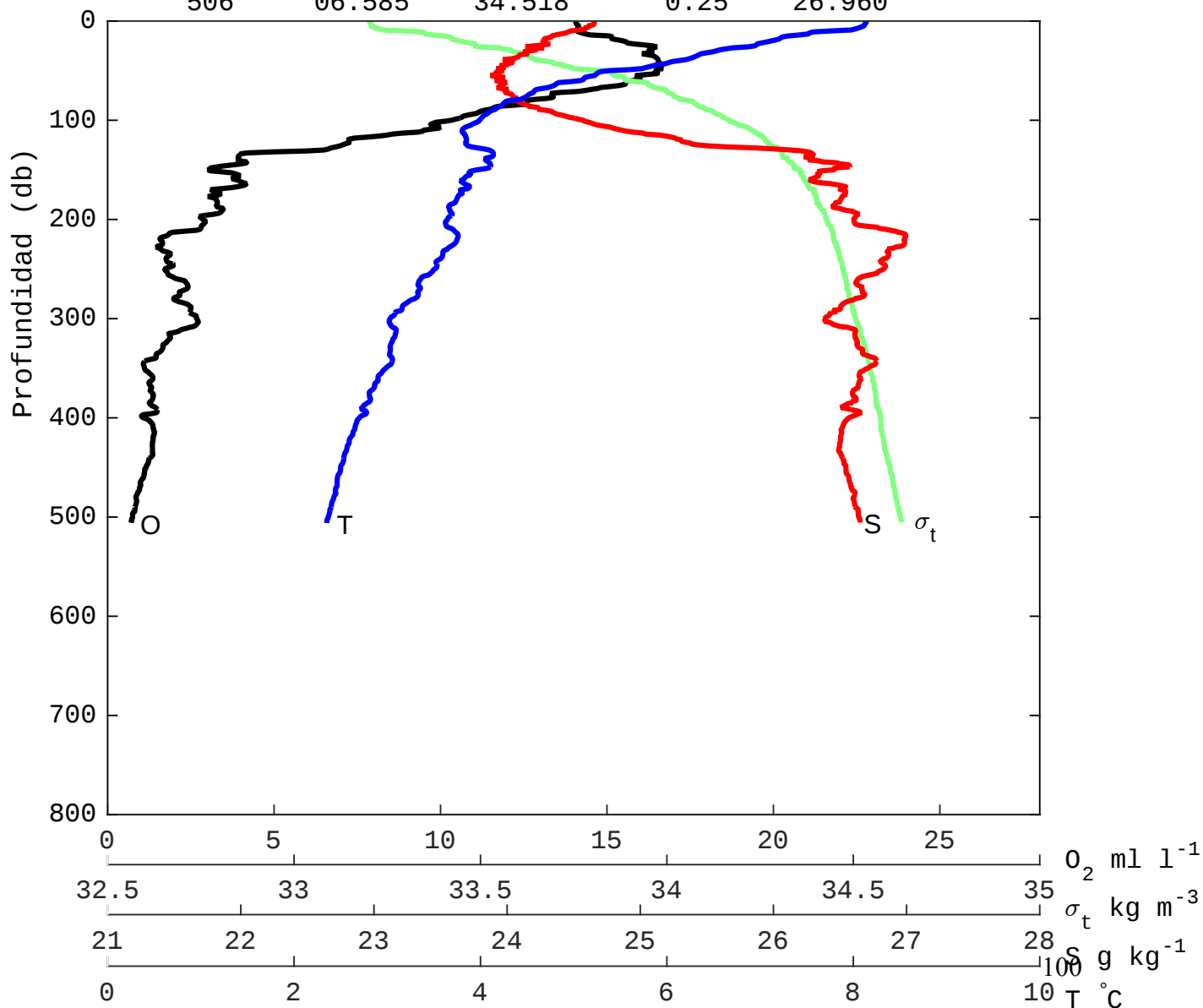
0	23.122	33.843	4.90	22.900
10	22.992	33.851	4.93	22.944
20	21.814	33.775	5.08	23.218
30	16.065	33.520	6.06	24.473
50	12.922	33.589	5.32	25.193
75	11.244	33.750	3.67	25.634
100	10.683	33.960	2.81	25.897
125	10.209	34.127	2.37	26.108
150	09.868	34.271	1.93	26.277
200	09.669	34.439	1.19	26.441
250	09.271	34.501	0.76	26.553
300	08.240	34.432	0.86	26.660
400	07.555	34.520	0.34	26.829
500	06.720	34.542	0.21	26.961
504	06.702	34.543	0.21	26.964



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 117.75 094 27°17.59 -117°51.60 04082014 07:50 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

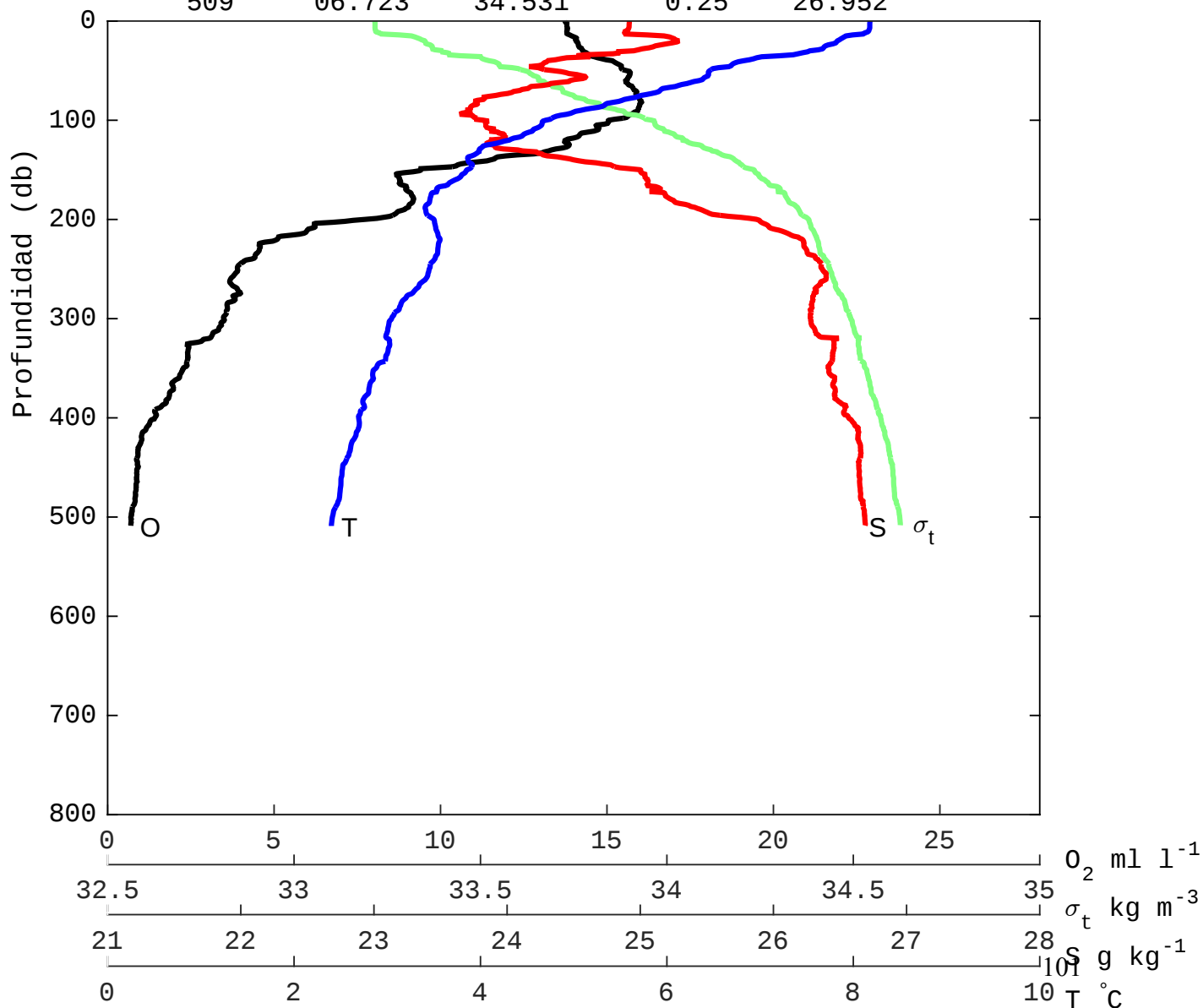
0	22.792	33.805	5.02	22.967
10	21.696	33.742	5.03	23.226
20	19.943	33.672	5.53	23.643
30	18.290	33.633	5.83	24.033
50	15.046	33.562	5.87	24.732
75	12.620	33.586	4.78	25.249
100	11.166	33.775	3.69	25.668
125	10.792	34.084	2.52	25.973
150	11.094	34.452	1.08	26.204
200	10.213	34.501	1.02	26.397
250	09.821	34.581	0.61	26.525
300	08.486	34.424	0.96	26.616
400	07.564	34.490	0.38	26.804
500	06.625	34.515	0.26	26.952
506	06.585	34.518	0.25	26.960



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 117.80 095 27°04.47 -118°10.91 04082014 11:05 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

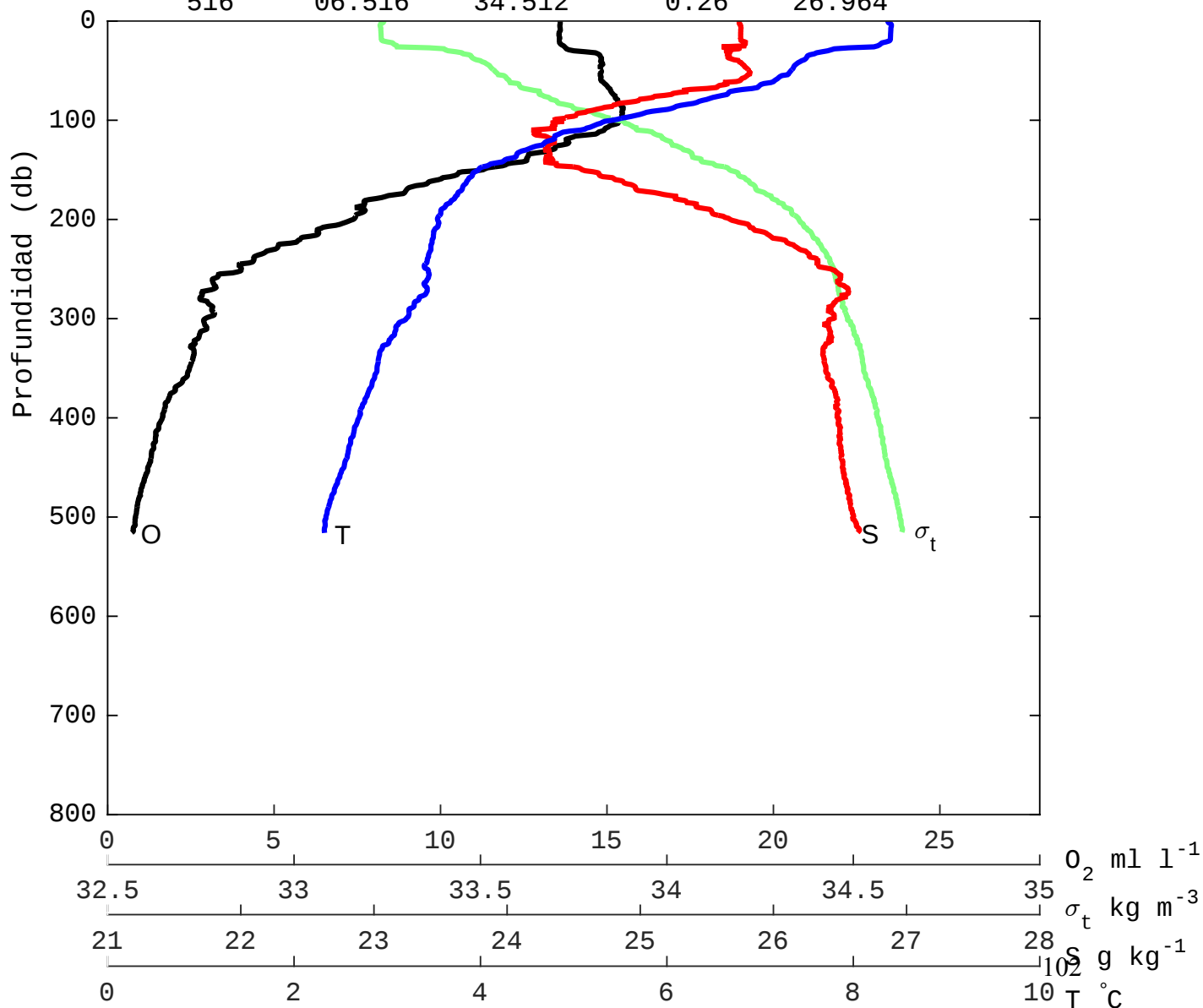
0	22.899	33.899	4.91	23.007
10	22.865	33.891	4.93	23.010
20	21.919	34.033	5.02	23.384
30	21.095	33.911	5.10	23.518
50	18.086	33.694	5.57	24.130
75	16.024	33.542	5.67	24.499
100	13.156	33.507	5.38	25.083
125	11.371	33.534	4.95	25.443
150	10.791	33.928	3.37	25.852
200	09.804	34.240	2.76	26.263
250	09.659	34.417	1.39	26.424
300	08.529	34.386	1.24	26.581
400	07.541	34.487	0.51	26.805
500	06.751	34.531	0.25	26.948
509	06.723	34.531	0.25	26.952



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 117.90 096 26°47.68 -118°49.93 04082014 16:49 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

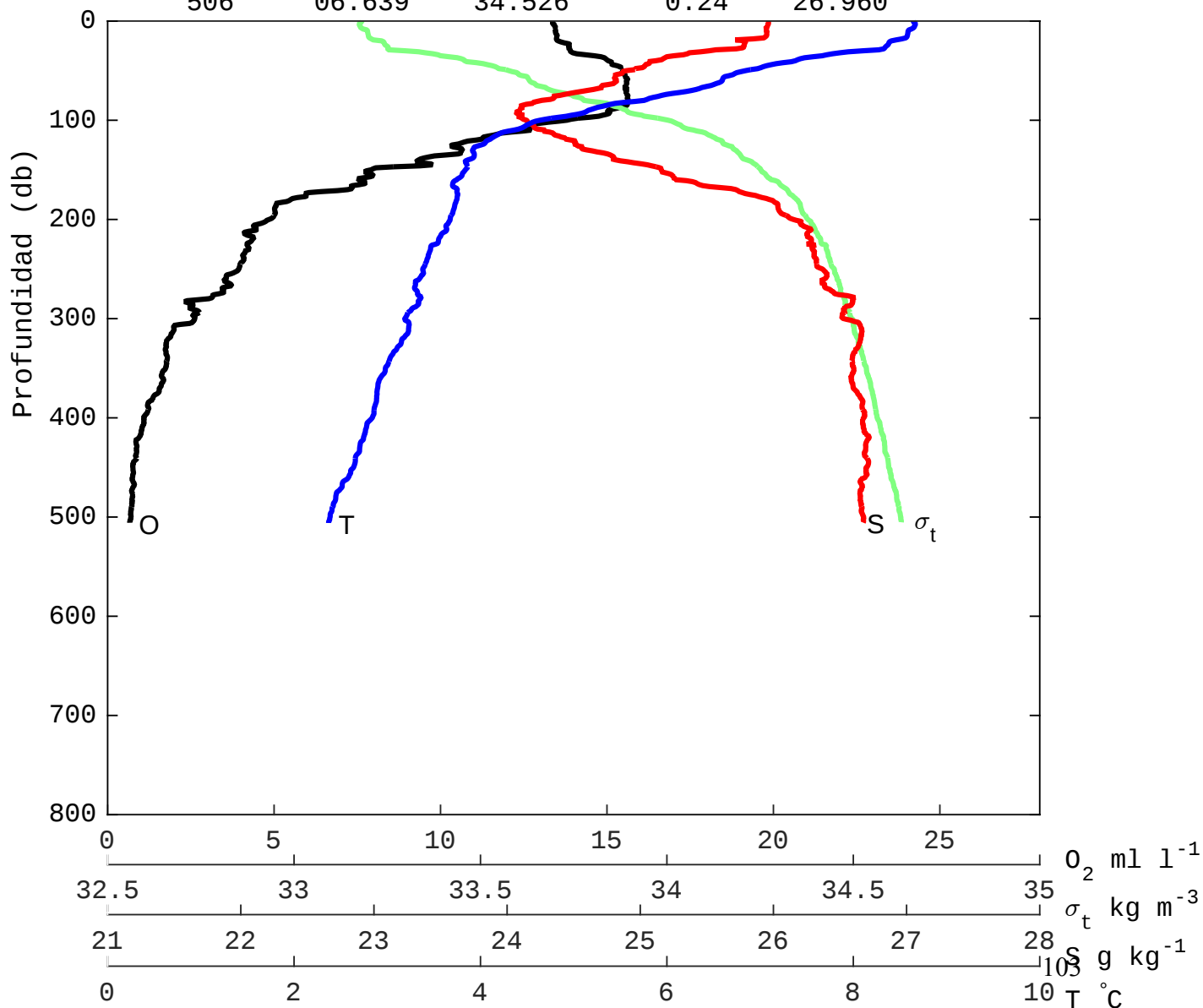
0	23.438	34.194	4.86	23.074
10	23.525	34.198	4.86	23.052
20	23.482	34.201	4.85	23.067
30	21.629	34.154	5.00	23.556
50	20.527	34.221	5.30	23.906
75	18.458	33.994	5.44	24.266
100	15.157	33.695	5.49	24.809
125	13.060	33.675	4.87	25.231
150	11.142	33.772	4.03	25.669
200	09.909	34.169	2.64	26.190
250	09.597	34.439	1.43	26.451
300	08.969	34.448	1.05	26.560
400	07.550	34.456	0.59	26.780
500	06.557	34.500	0.30	26.950
516	06.516	34.512	0.26	26.964



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 117.105 097 26°17.62 -119°47.44 04082014 23:36 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

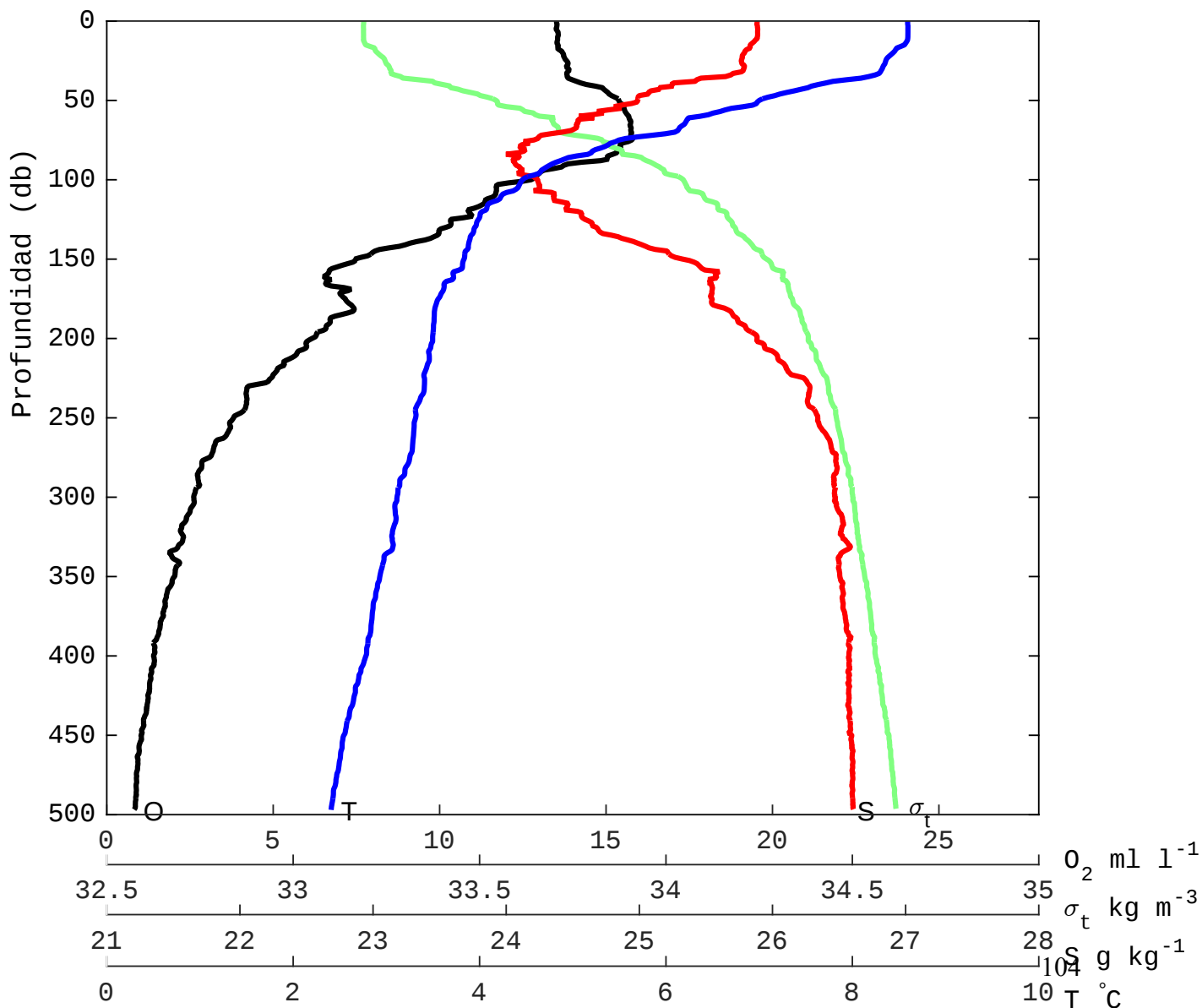
0	24.204	34.272	4.77	22.908
10	24.046	34.268	4.81	22.952
20	23.542	34.212	4.83	23.058
30	22.678	34.114	4.96	23.232
50	19.161	33.892	5.52	24.012
75	16.636	33.713	5.58	24.490
100	12.985	33.623	4.93	25.206
125	11.208	33.759	3.70	25.647
150	10.746	33.985	2.83	25.904
200	10.288	34.338	1.73	26.257
250	09.466	34.416	1.41	26.456
300	08.928	34.472	0.93	26.585
400	07.948	34.528	0.39	26.778
500	06.683	34.527	0.25	26.954
506	06.639	34.526	0.24	26.960



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 120.105 098 25°43.22 -119°24.15 05082014 04:29 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

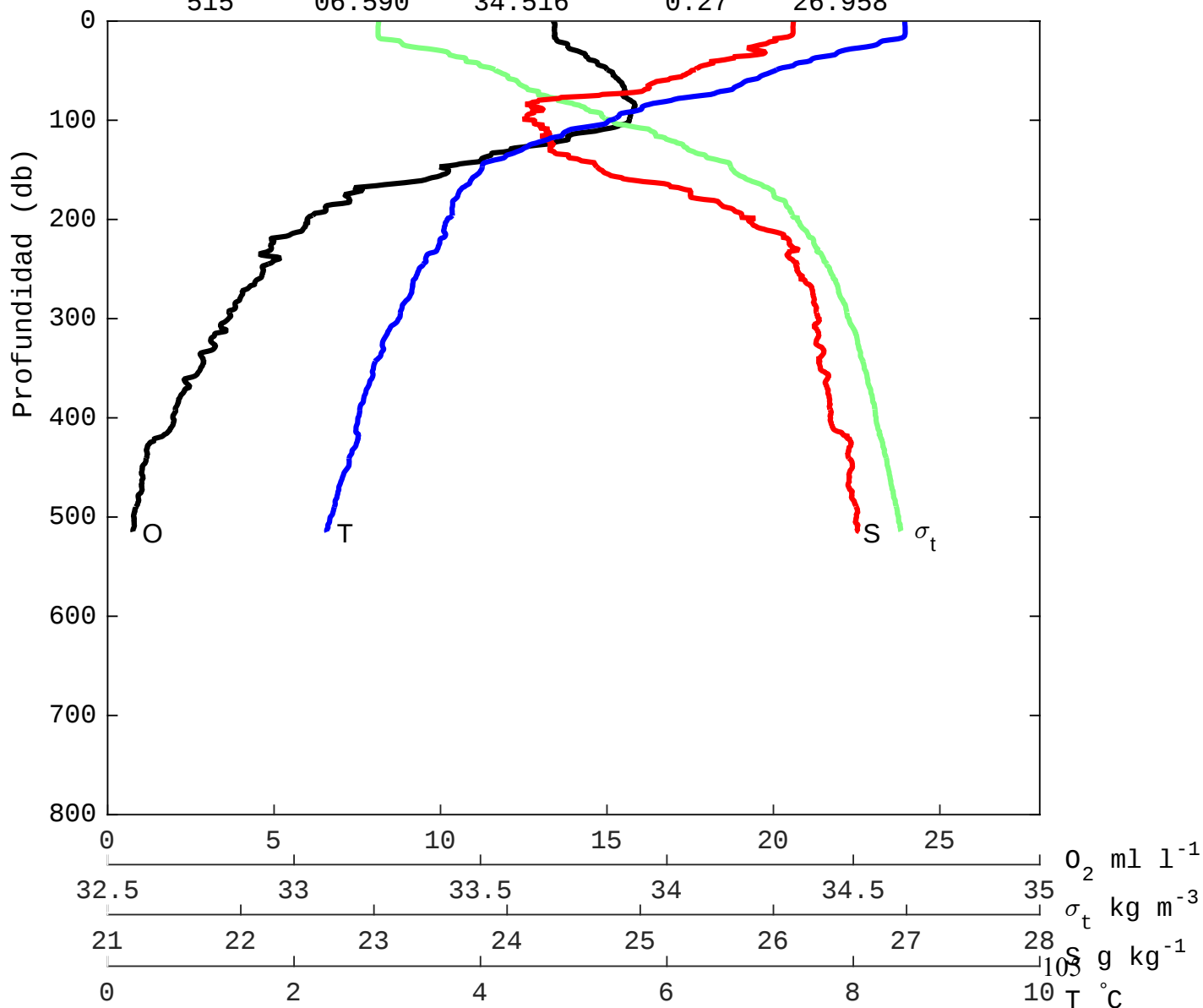
0	24.061	34.245	4.83	22.930
10	24.067	34.245	4.84	22.928
20	23.623	34.211	4.89	23.033
30	23.297	34.208	4.95	23.125
50	19.603	33.924	5.49	23.923
75	15.382	33.646	5.63	24.722
100	12.487	33.656	4.55	25.329
125	11.165	33.782	3.69	25.673
150	10.733	34.043	2.66	25.951
200	09.790	34.244	2.20	26.269
250	09.278	34.407	1.36	26.479
300	08.721	34.452	0.93	26.602
400	07.786	34.491	0.50	26.773
497	06.739	34.503	0.29	26.928



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 120.90 099 26°13.41 -118°26.81 05082014 11:39 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

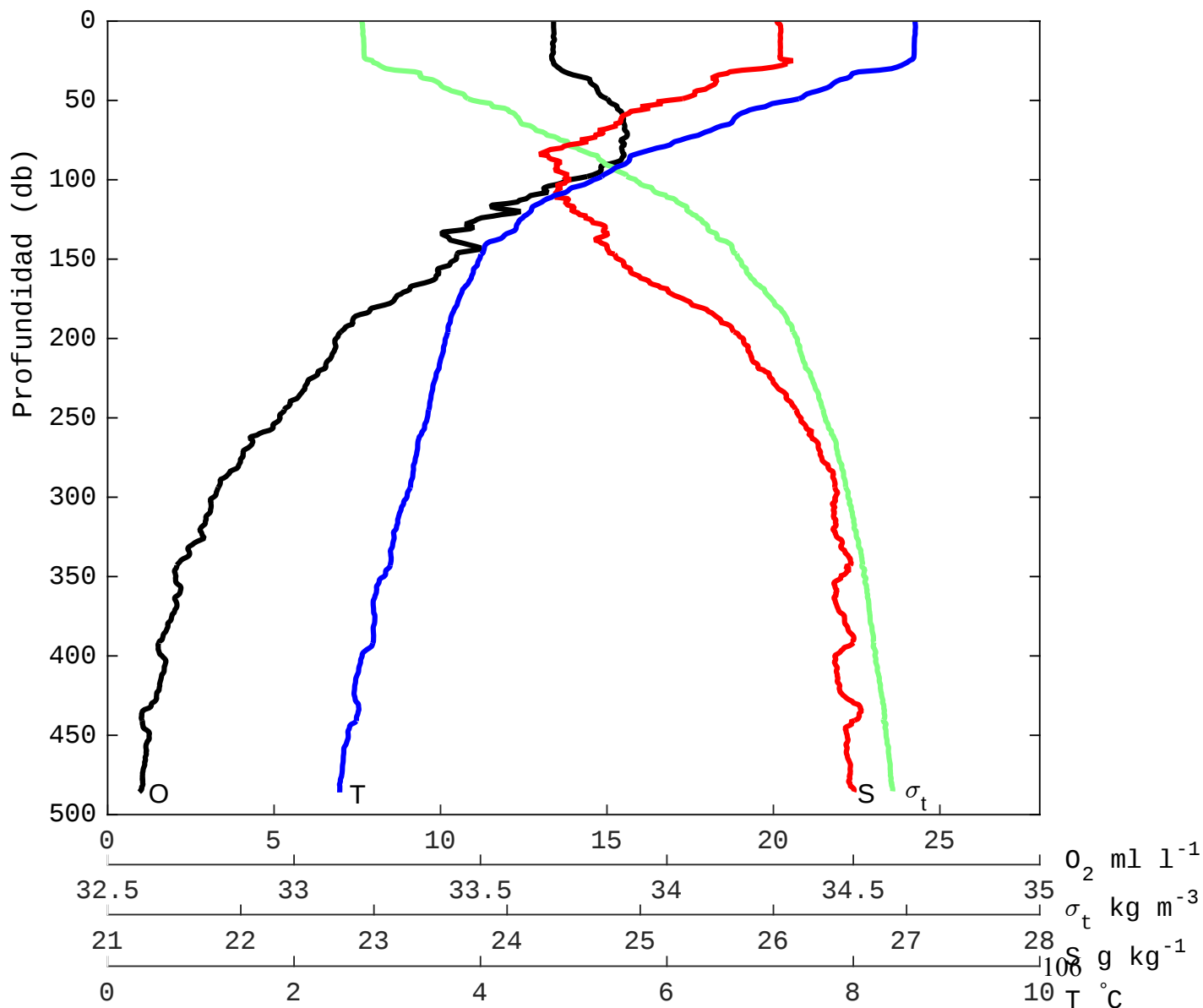
0	23.945	34.339	4.78	23.035
10	23.958	34.338	4.80	23.031
20	23.285	34.292	4.82	23.192
30	22.062	34.250	5.04	23.508
50	20.049	34.065	5.38	23.914
75	17.861	33.818	5.53	24.278
100	15.086	33.645	5.60	24.786
125	12.665	33.696	4.62	25.325
150	11.223	33.822	3.66	25.692
200	10.204	34.219	2.14	26.179
250	09.354	34.350	1.67	26.422
300	08.744	34.408	1.30	26.564
400	07.519	34.439	0.70	26.771
500	06.688	34.510	0.28	26.940
515	06.590	34.516	0.27	26.958



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 120.80 101 26°33.35 -117°48.97 05082014 17:43 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

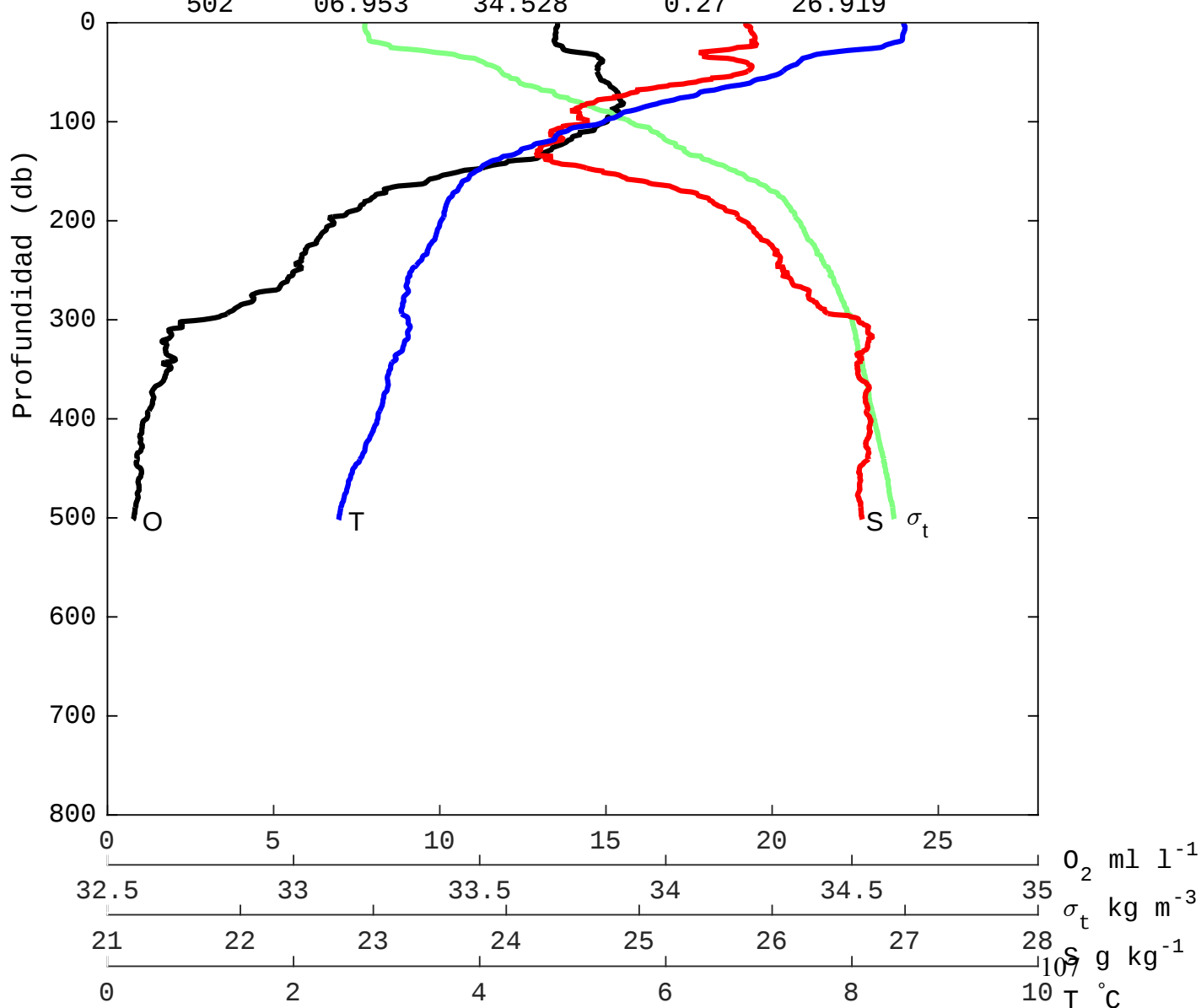
0	24.255	34.296	4.78	22.911
10	24.241	34.304	4.78	22.921
20	24.228	34.304	4.79	22.925
30	23.548	34.255	4.85	23.088
50	20.530	34.005	5.38	23.741
75	17.213	33.767	5.50	24.396
100	14.601	33.742	4.96	24.965
125	12.398	33.795	3.96	25.453
150	11.168	33.869	3.74	25.739
200	10.148	34.204	2.45	26.177
250	09.602	34.358	1.85	26.388
300	08.990	34.453	1.14	26.560
400	07.646	34.450	0.58	26.761
486	06.972	34.501	0.34	26.895



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 120.75 102 26°43.39 -117°29.18 05082014 21:25 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

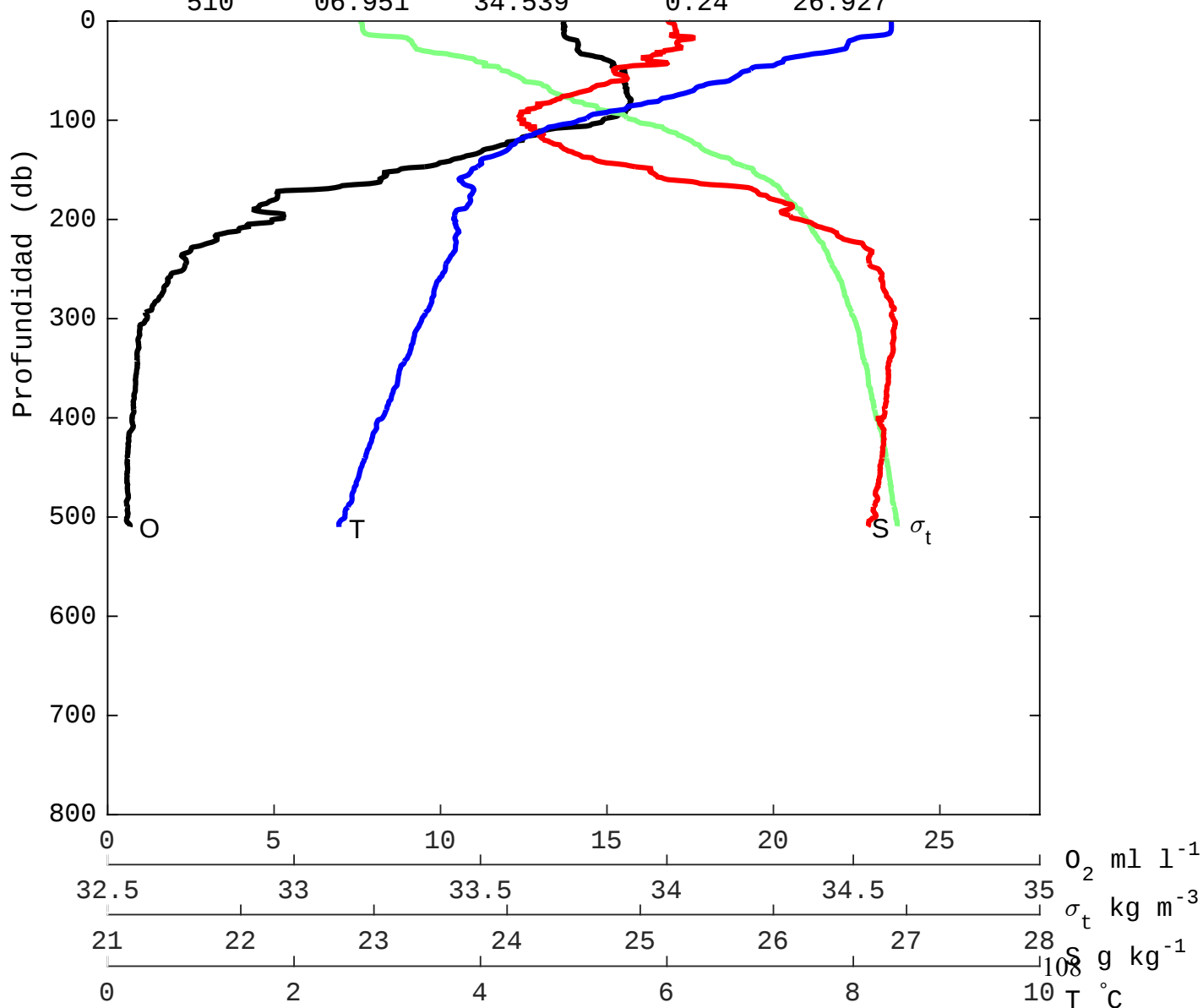
0	23.960	34.215	4.84	22.937
10	23.960	34.229	4.82	22.948
20	23.674	34.236	4.81	23.037
30	21.785	34.089	5.06	23.464
50	20.286	34.215	5.27	23.965
75	17.454	33.857	5.49	24.406
100	14.942	33.787	5.37	24.926
125	12.770	33.659	4.82	25.276
150	11.065	33.834	3.80	25.730
200	10.038	34.207	2.41	26.198
250	09.159	34.312	2.04	26.424
300	09.047	34.518	1.03	26.602
400	08.137	34.548	0.43	26.765
500	06.964	34.528	0.28	26.917
502	06.953	34.528	0.27	26.919



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 120.70 103 26°53.37 -117°09.68 06082014 01:18 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

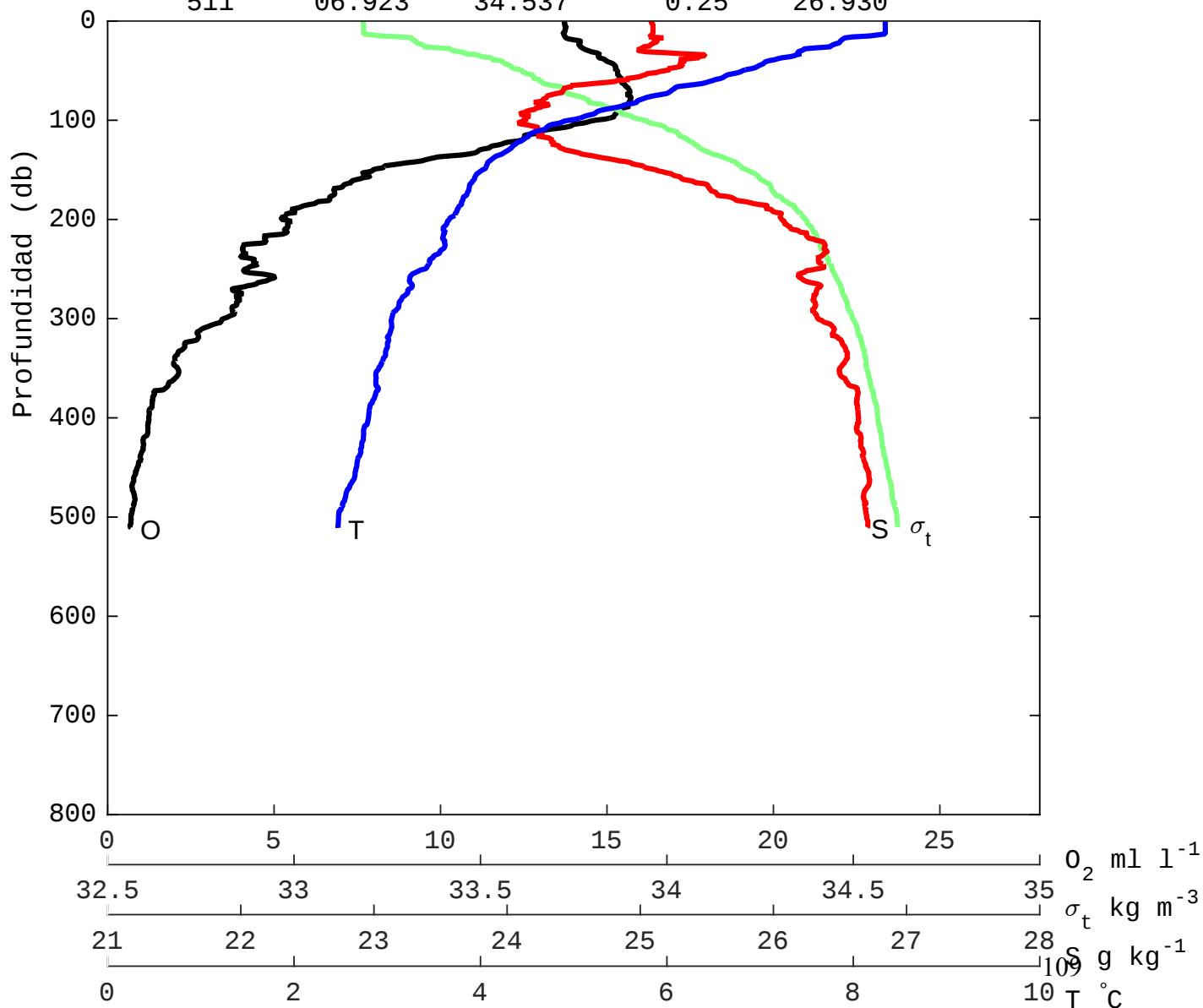
0	23.539	34.003	4.89	22.901
10	23.531	34.024	4.90	22.919
20	22.267	34.031	5.05	23.286
30	21.862	33.990	5.04	23.368
50	19.230	33.853	5.54	23.965
75	17.072	33.738	5.57	24.407
100	14.160	33.621	5.31	24.965
125	12.129	33.715	4.23	25.442
150	10.933	33.956	3.13	25.848
200	10.398	34.354	1.78	26.250
250	10.144	34.567	0.82	26.459
300	09.443	34.607	0.42	26.607
400	08.258	34.582	0.27	26.773
500	07.128	34.561	0.21	26.920
510	06.951	34.539	0.24	26.927



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 120.65 104 27°03.37 -116°50.35 06082014 04:29 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

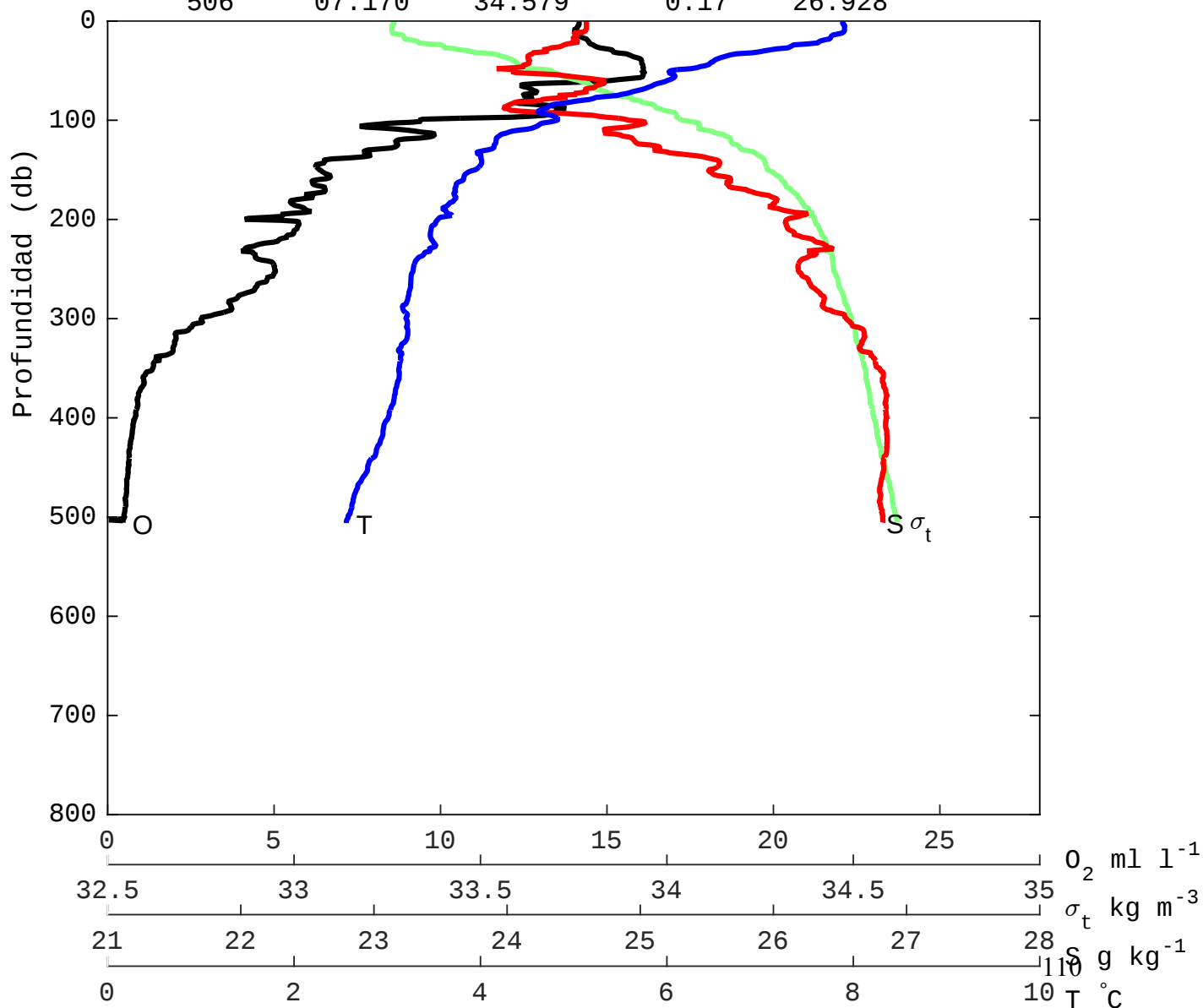
0	23.361	33.958	4.90	22.919
10	23.360	33.963	4.91	22.922
20	22.013	33.974	5.07	23.313
30	20.834	33.926	5.16	23.600
50	19.077	33.995	5.47	24.112
75	16.461	33.683	5.58	24.507
100	13.858	33.616	5.23	25.024
125	12.210	33.702	4.19	25.417
150	11.258	33.971	2.84	25.801
200	10.262	34.308	1.86	26.238
250	09.522	34.402	1.48	26.435
300	08.533	34.404	1.25	26.594
400	07.835	34.514	0.44	26.783
500	06.936	34.536	0.25	26.927
511	06.923	34.537	0.25	26.930



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 120.60 105 27°13.37 -116°31.10 06082014 07:45 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

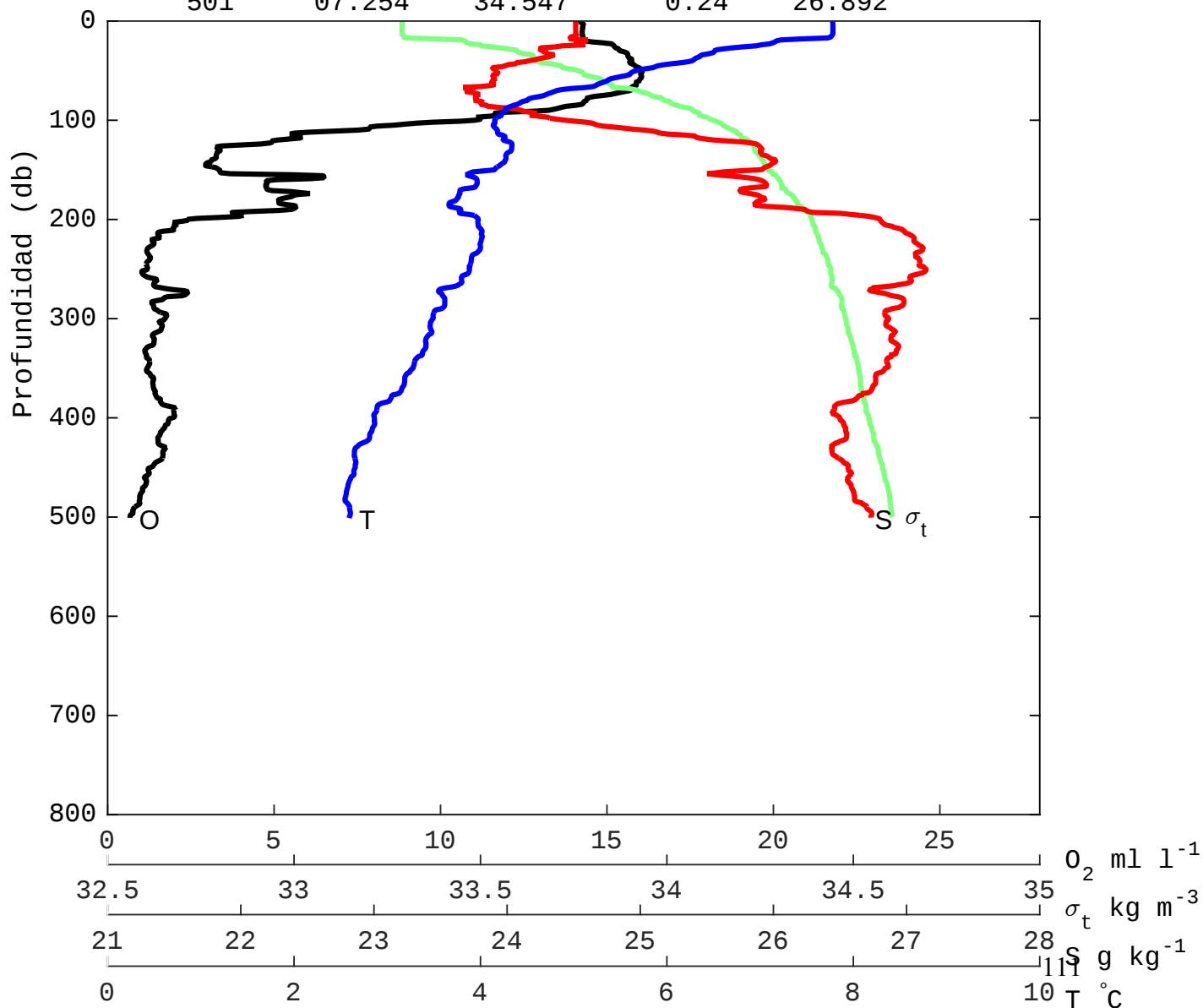
0	22.080	33.784	5.06	23.151
10	22.130	33.782	5.01	23.136
20	21.420	33.758	5.16	23.314
30	19.724	33.682	5.42	23.707
50	16.914	33.594	5.73	24.334
75	15.311	33.708	4.46	24.785
100	13.497	33.897	3.34	25.314
125	11.604	33.956	3.11	25.726
150	11.040	34.112	2.27	25.950
200	09.921	34.323	1.47	26.308
250	09.181	34.353	1.79	26.452
300	08.962	34.481	1.00	26.586
400	08.427	34.589	0.29	26.753
500	07.224	34.579	0.18	26.921
506	07.170	34.579	0.17	26.928



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 120.55 106 27°23.36 -116°11.57 06082014 11:09 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

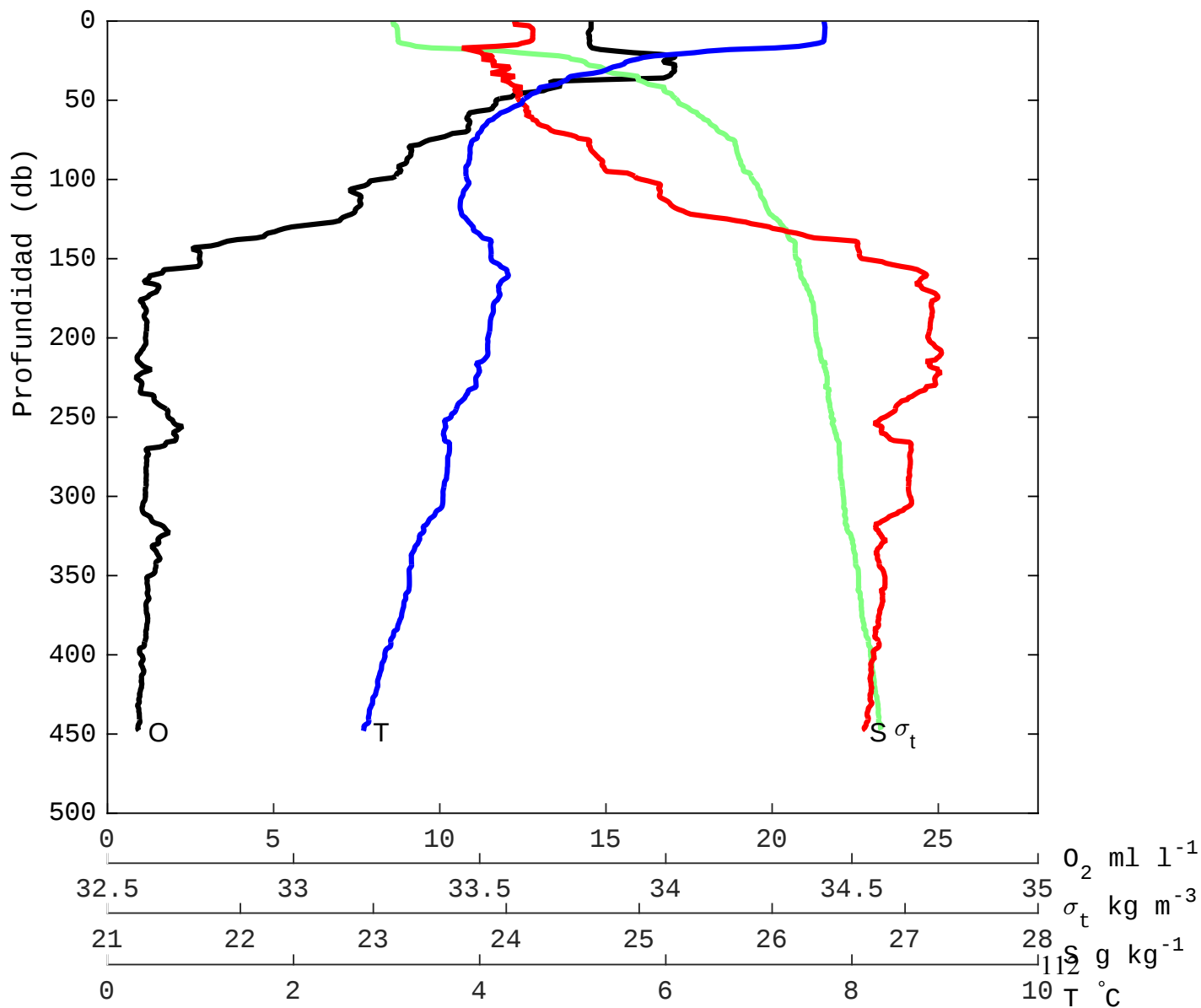
0	21.781	33.756	5.07	23.213
10	21.786	33.755	5.10	23.211
20	20.091	33.776	5.13	23.684
30	18.220	33.667	5.50	24.077
50	15.875	33.541	5.73	24.532
75	13.113	33.491	5.32	25.079
100	11.625	33.725	3.94	25.545
125	12.148	34.244	1.43	25.847
150	11.618	34.253	1.19	25.953
200	11.133	34.573	0.86	26.289
250	10.871	34.695	0.43	26.430
300	09.774	34.595	0.61	26.542
400	08.012	34.463	0.70	26.717
500	07.262	34.547	0.24	26.891
501	07.254	34.547	0.24	26.892



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 120.50 108 27°33.37 -115°52.22 06082014 16:39 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

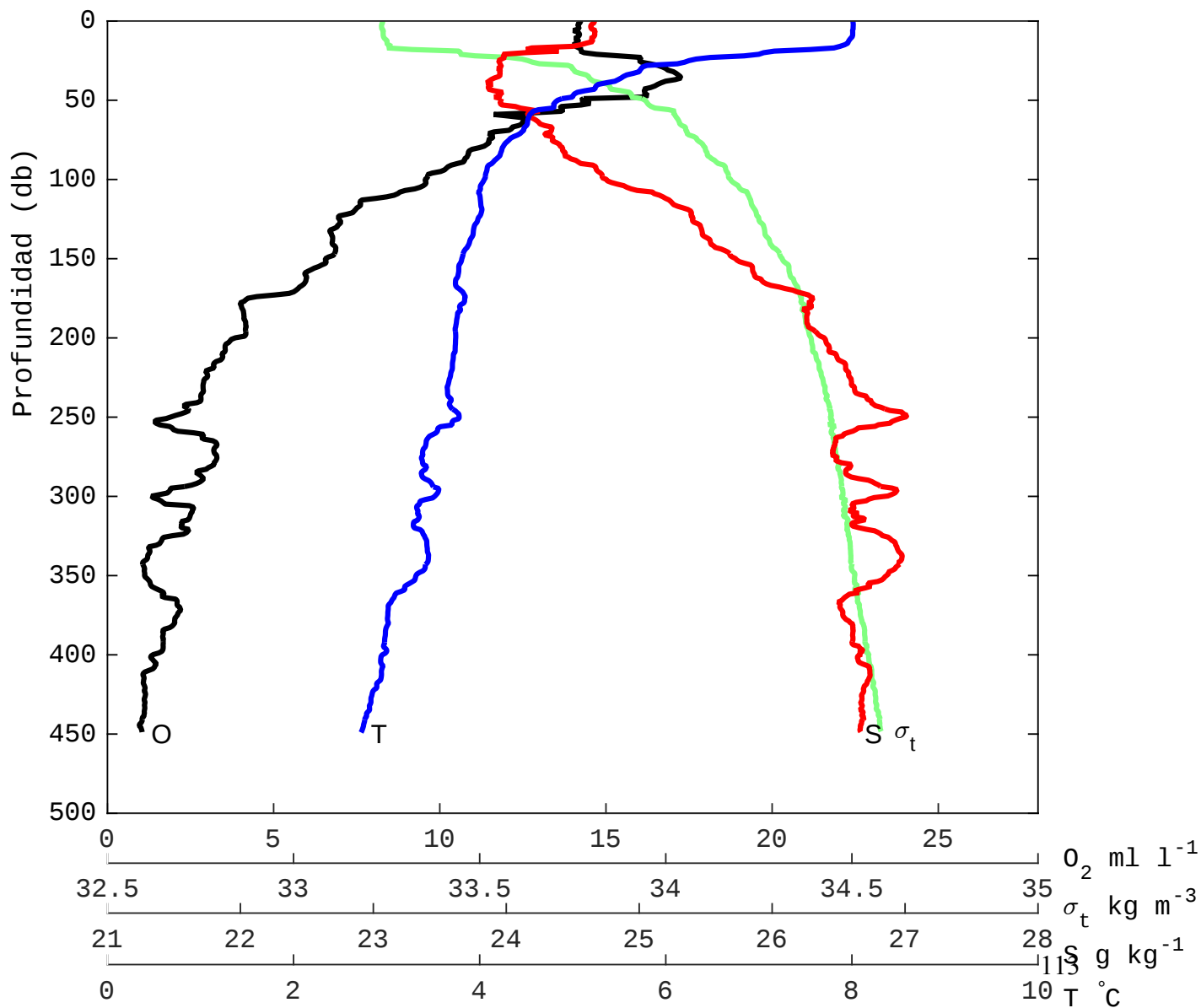
0	21.566	33.597	5.20	23.152
10	21.574	33.642	5.18	23.184
20	17.656	33.506	5.65	24.091
30	15.096	33.577	6.08	24.733
50	12.504	33.606	4.17	25.287
75	11.016	33.793	3.46	25.708
100	10.818	33.933	2.93	25.852
125	10.801	34.164	2.51	26.034
150	11.546	34.526	0.99	26.178
200	11.444	34.704	0.41	26.334
250	10.338	34.590	0.65	26.443
300	10.097	34.656	0.41	26.535
400	08.344	34.560	0.36	26.743
448	07.700	34.537	0.34	26.821



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 120.45 109 27°43.37 -115°32.91 06082014 20:41 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

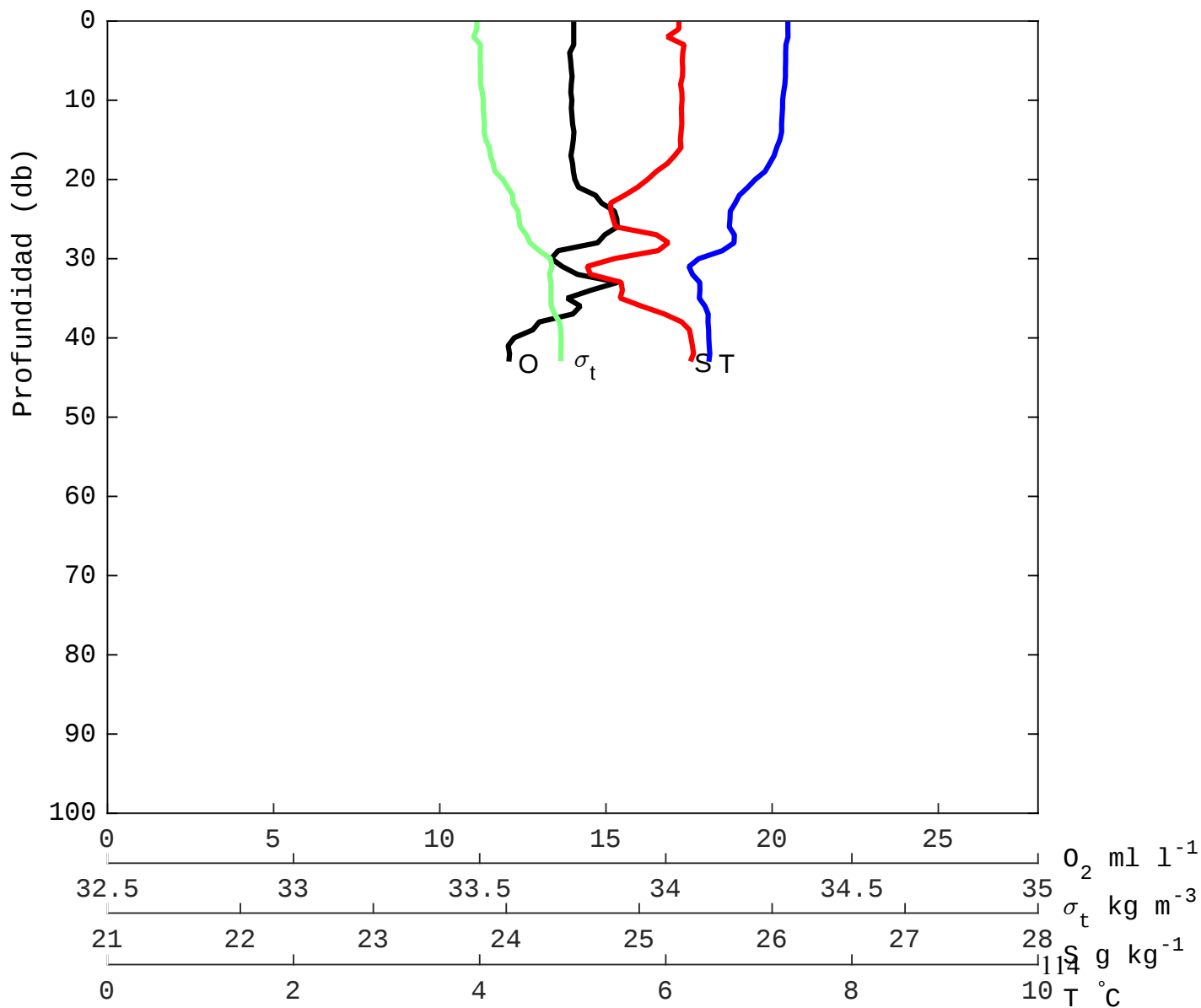
0	22.434	33.808	5.08	23.070
10	22.407	33.806	5.05	23.077
20	19.742	33.622	5.12	23.658
30	16.061	33.548	6.00	24.496
50	13.546	33.557	5.09	25.043
75	12.086	33.693	4.09	25.434
100	11.338	33.840	3.41	25.686
125	11.147	34.072	2.49	25.900
150	10.664	34.187	2.34	26.075
200	10.478	34.425	1.38	26.291
250	10.582	34.646	0.68	26.444
300	09.844	34.597	0.47	26.532
400	08.268	34.526	0.49	26.728
449	07.630	34.524	0.37	26.820



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 120.40 110 27°52.73 -115°14.48 07082014 00:25 NaN NaN

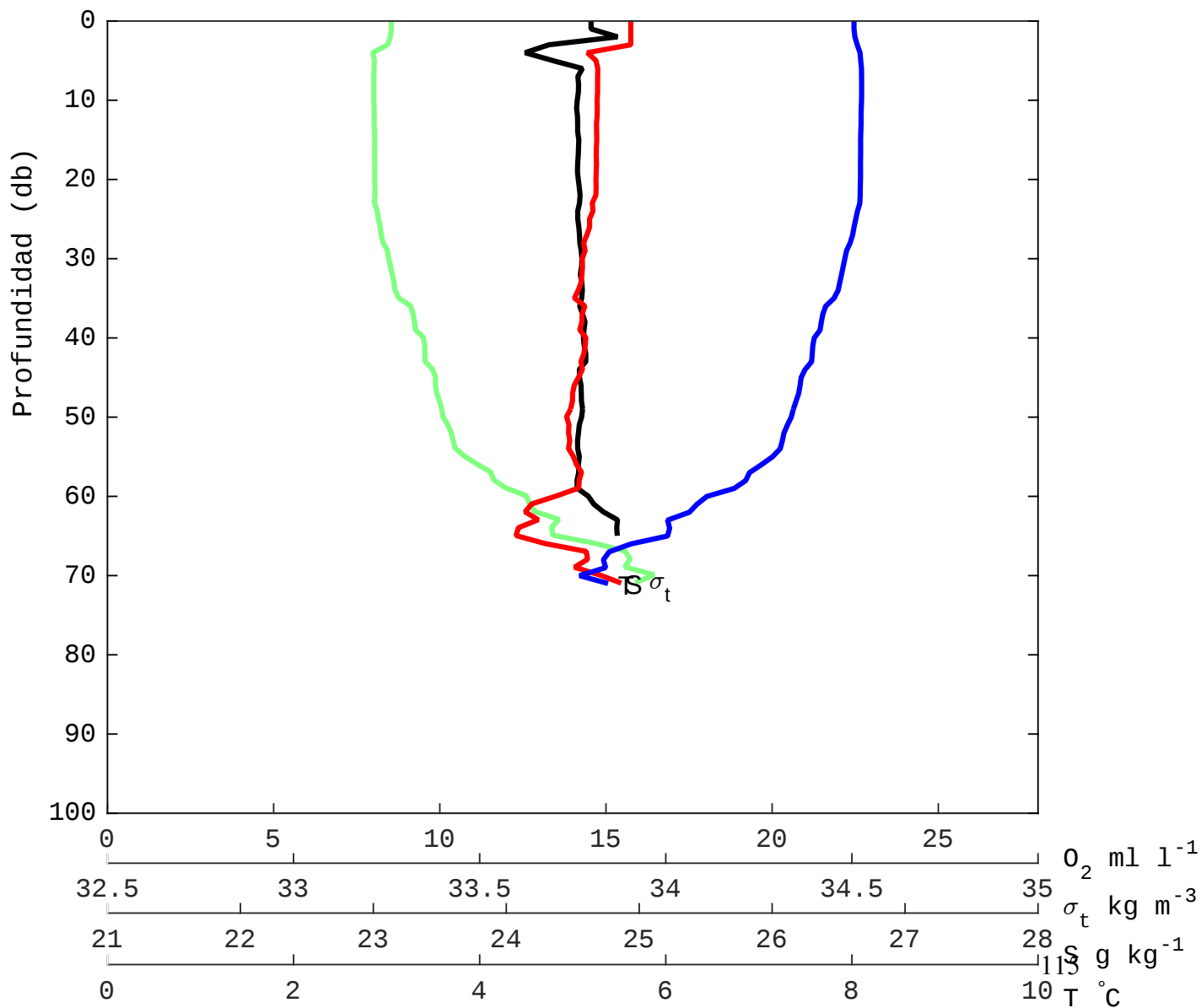
PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

0	20.473	34.035	5.01	23.779
10	20.315	34.044	4.99	23.827
20	19.492	33.951	5.02	23.972
30	17.791	33.863	4.77	24.330
43	18.096	34.066	4.31	24.411



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
120.35 111 28°03.31 -114°54.08 07082014 03:49 NaN NaN

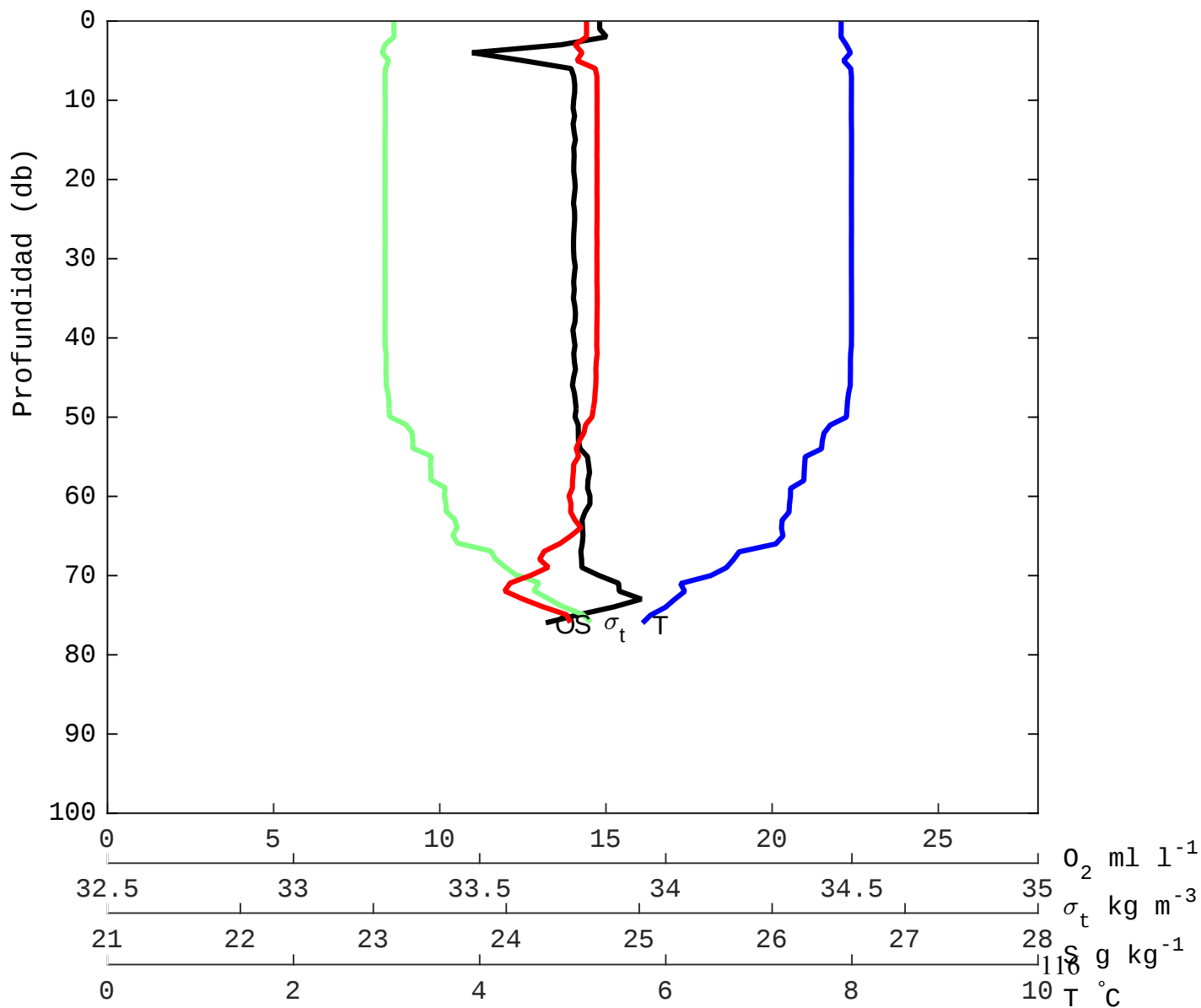
PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
0	22.463	33.906	5.20	23.136
10	22.692	33.815	5.05	23.003
20	22.659	33.812	5.06	23.010
30	22.187	33.776	5.10	23.115
50	20.575	33.734	5.10	23.523
71	15.063	33.880	NaN	24.972



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 119.33 112 28°17.74 -114°52.47 07082014 07:30 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

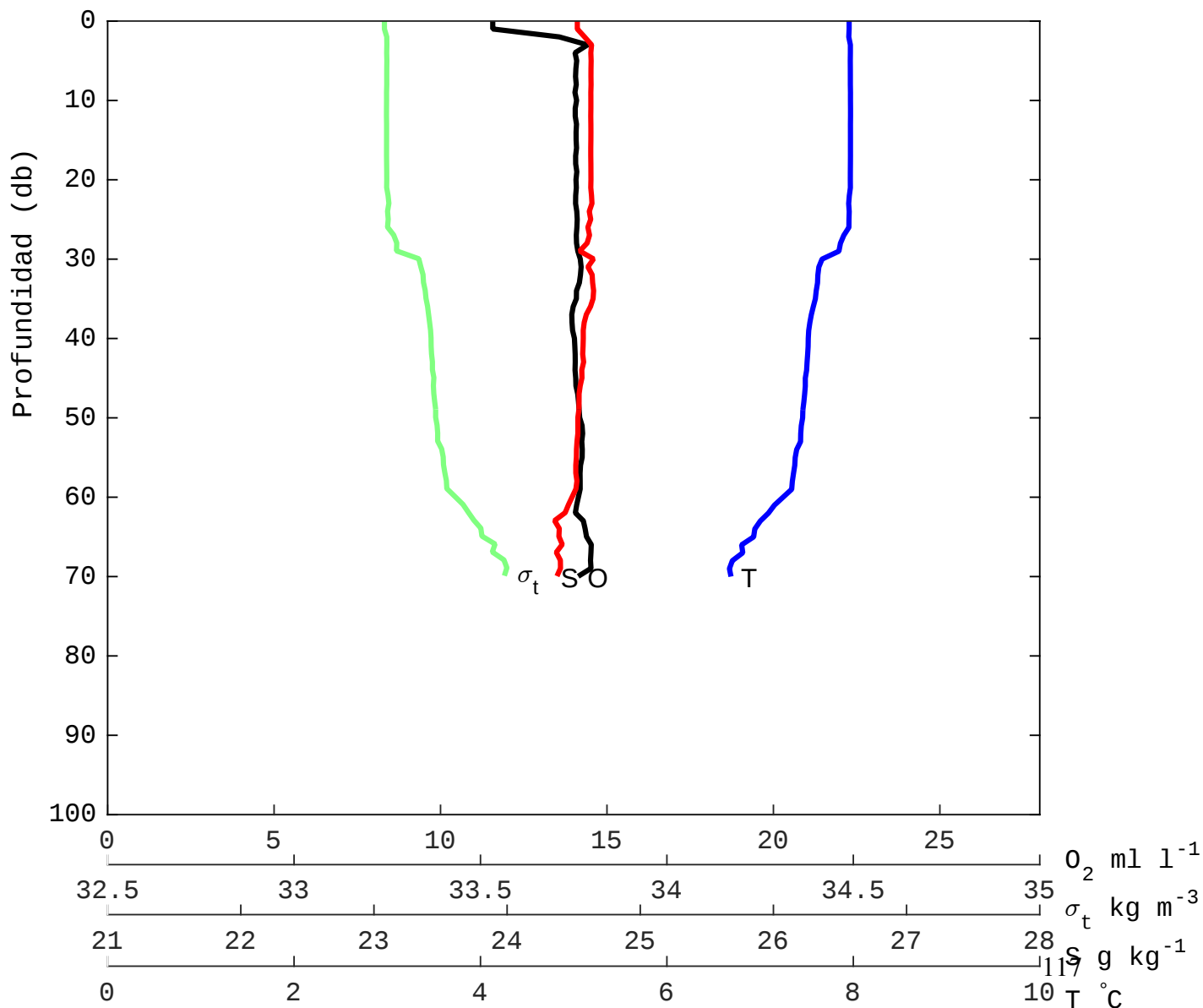
0	22.077	33.787	5.29	23.154
10	22.385	33.815	5.01	23.090
20	22.387	33.815	5.02	23.089
30	22.386	33.815	5.01	23.089
50	22.234	33.802	5.02	23.122
75	16.340	33.734	5.05	24.574
76	16.099	33.743	4.71	24.636



ESTACION	LANCE	LATITUD	LONGITUD	DDMMAAAA	H[GMT]	PROFTOT	PROFLAN
120.30	113	28°13.31	-114°34.21	07082014	10:24	NaN	NaN

PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
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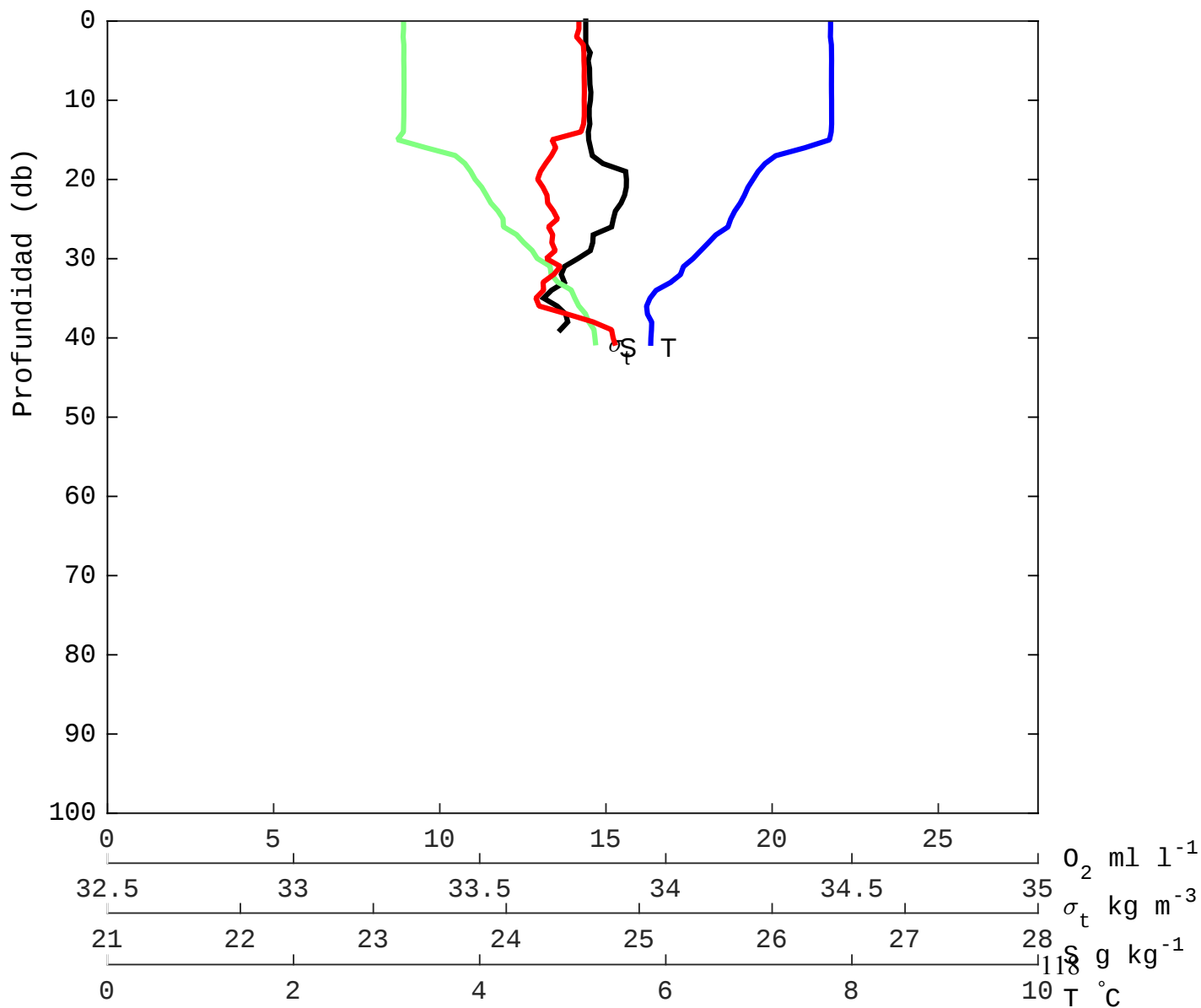
0	22.274	33.760	4.13	23.079
10	22.314	33.796	5.03	23.095
20	22.310	33.796	5.02	23.096
30	21.461	33.803	5.07	23.337
50	20.877	33.761	5.06	23.463
70	18.726	33.705	5.05	23.979



ESTACION	LANCE	LATITUD	LONGITUD	DDMMAAAA	H[GMT]	PROFTOT	PROFLAN
120.25	114	28°23.21	-114°14.62	07082014	13:45	NaN	NaN

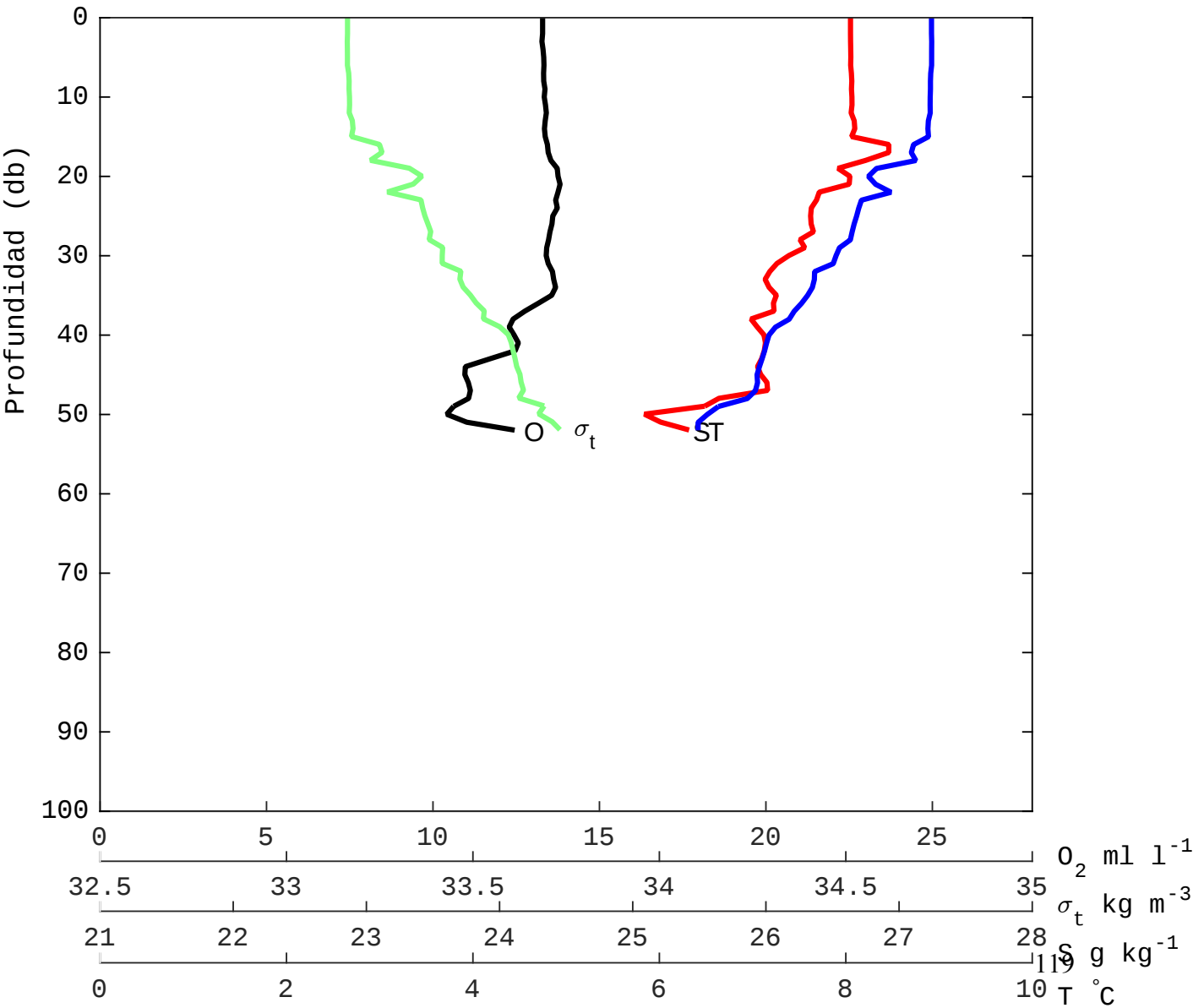
PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
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0	21.758	33.767	5.14	23.228
10	21.789	33.781	5.19	23.230
20	19.424	33.656	5.58	23.765
30	17.617	33.679	5.06	24.232
41	16.345	33.865	NaN	24.673



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
123.37 115 27°25.24 -114°40.03 18082014 10:57 NaN NaN

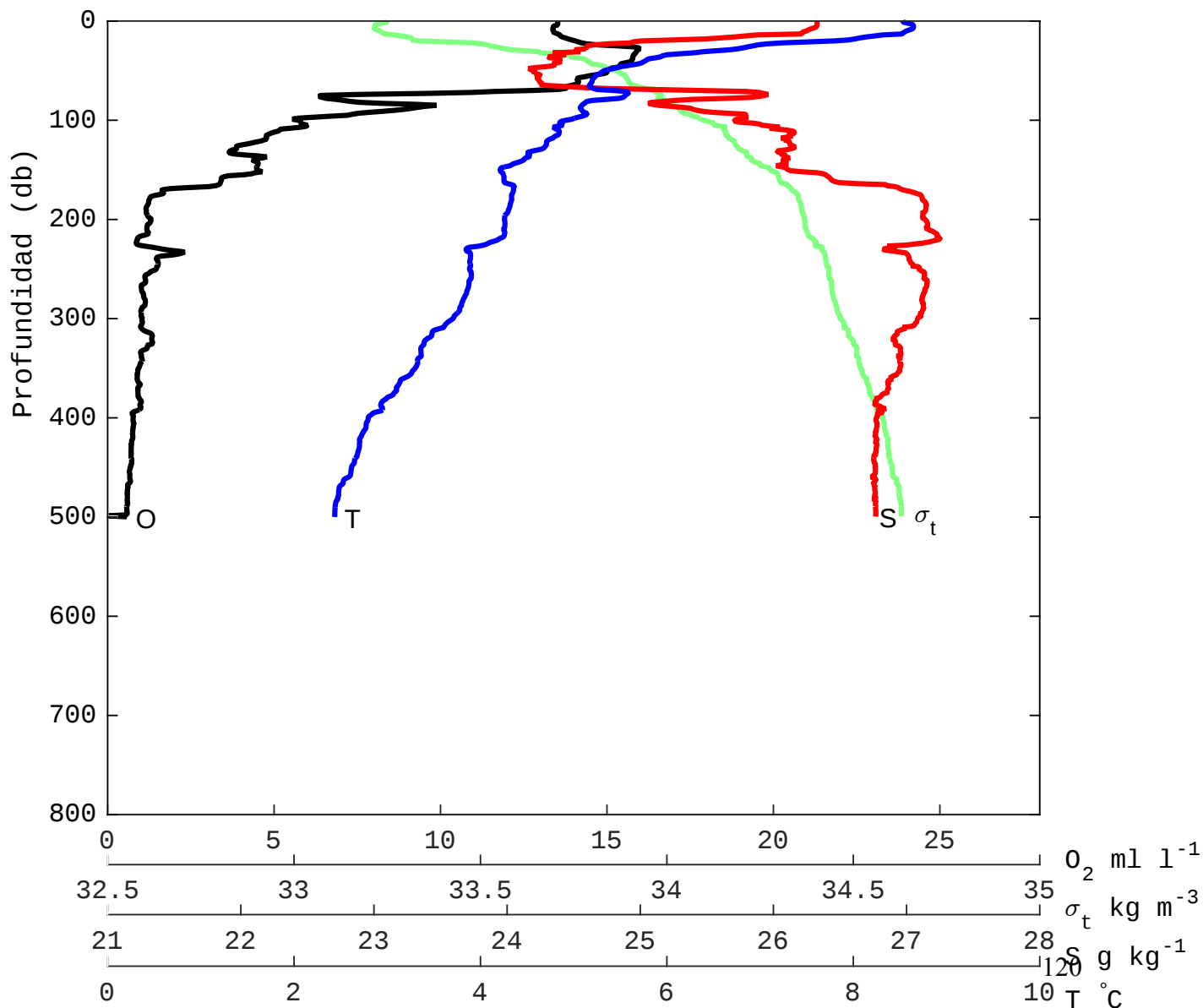
PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
0	24.974	34.513	4.75	22.858
10	24.935	34.516	4.76	22.873
20	23.079	34.511	4.91	23.417
30	22.106	34.347	4.79	23.570
50	18.240	33.960	3.72	24.294
52	17.963	34.080	4.45	24.453



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 123.40 116 27°19.03 -114°51.74 18082014 13:19 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

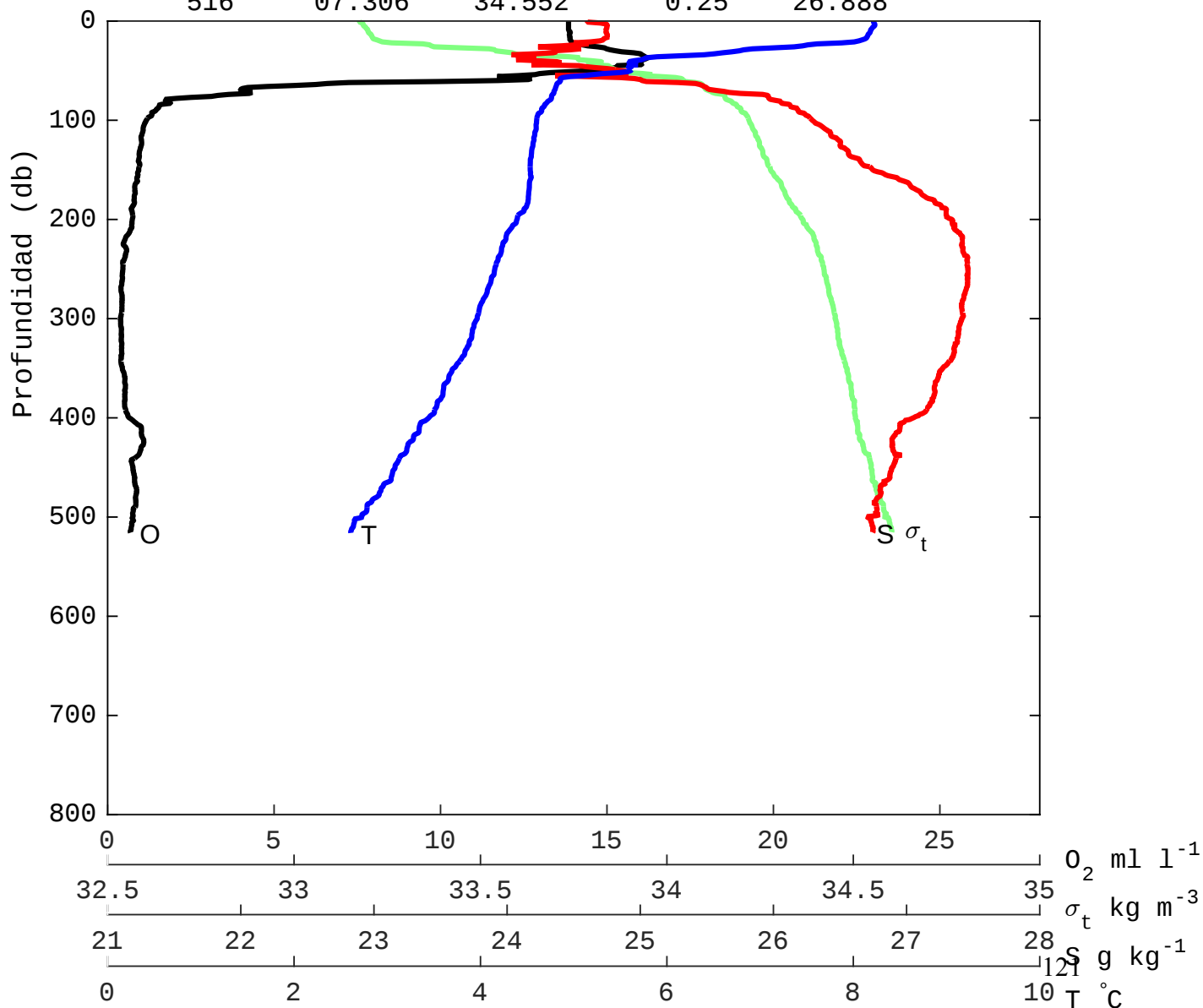
0	23.886	34.403	4.83	23.101
10	23.992	34.375	4.78	23.048
20	21.836	33.933	5.01	23.332
30	18.241	33.757	5.68	24.140
50	14.920	33.641	5.34	24.819
75	15.549	34.263	2.28	25.158
100	13.769	34.182	2.04	25.477
125	13.175	34.331	1.43	25.713
150	11.791	34.326	1.61	25.977
200	11.919	34.692	0.47	26.236
250	10.873	34.673	0.52	26.413
300	10.375	34.671	0.37	26.499
400	07.829	34.562	0.27	26.822
500	06.819	34.560	0.20	26.962



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 123.45 118 27°08.25 -115°11.30 18082014 18:26 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

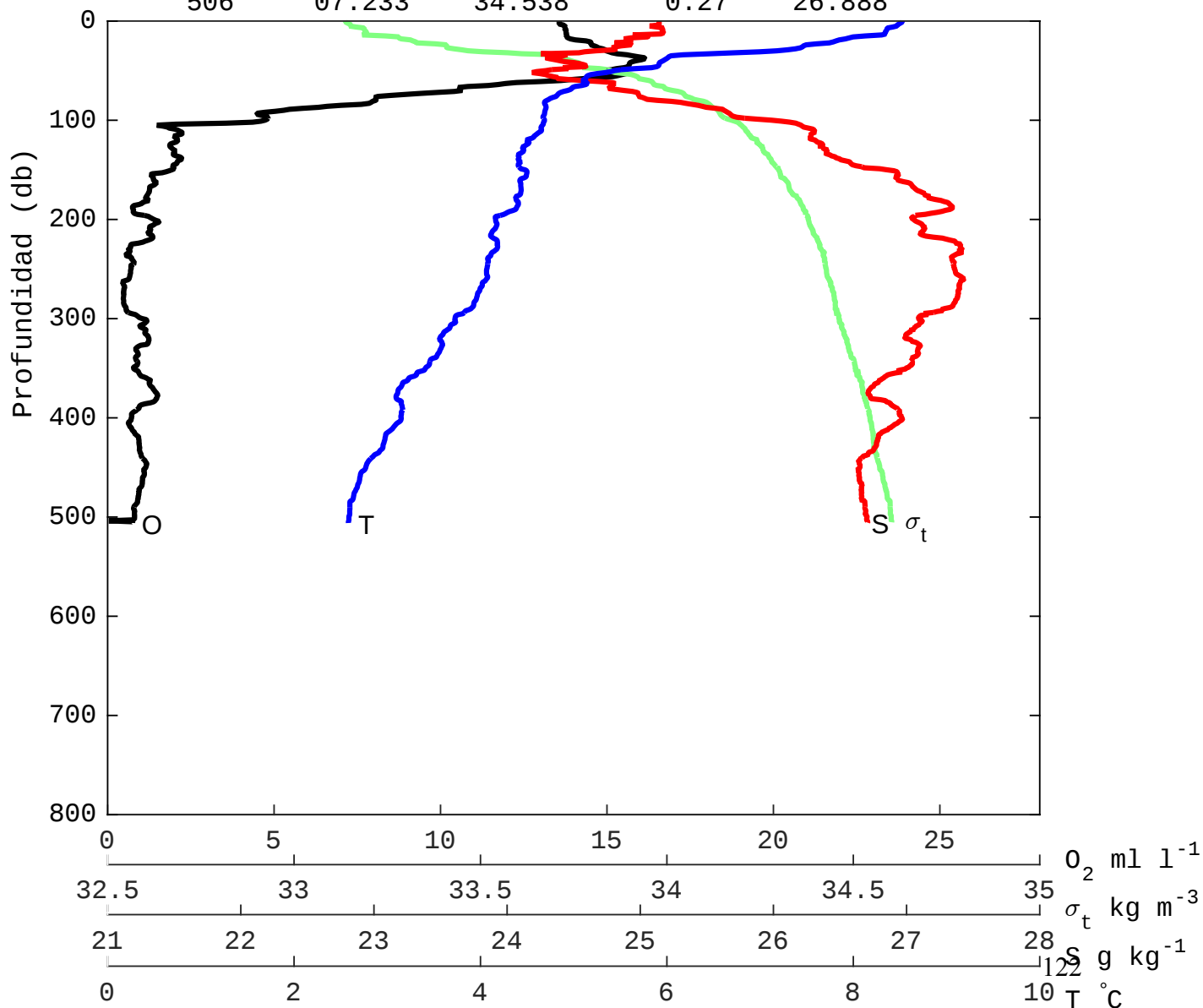
0	23.007	33.786	4.94	22.891
10	22.916	33.835	4.95	22.954
20	22.566	33.820	4.97	23.042
30	18.976	33.696	5.45	23.910
50	15.713	33.877	5.19	24.826
75	13.339	34.270	1.18	25.634
100	12.888	34.390	0.42	25.816
125	12.776	34.464	0.36	25.895
150	12.694	34.552	0.33	25.978
200	12.298	34.764	0.26	26.218
250	11.630	34.806	0.16	26.378
300	11.103	34.790	0.13	26.462
400	09.645	34.663	0.23	26.616
500	07.667	34.537	0.27	26.825
516	07.306	34.552	0.25	26.888



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 123.50 119 26°59.03 -115°30.59 18082014 22:18 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

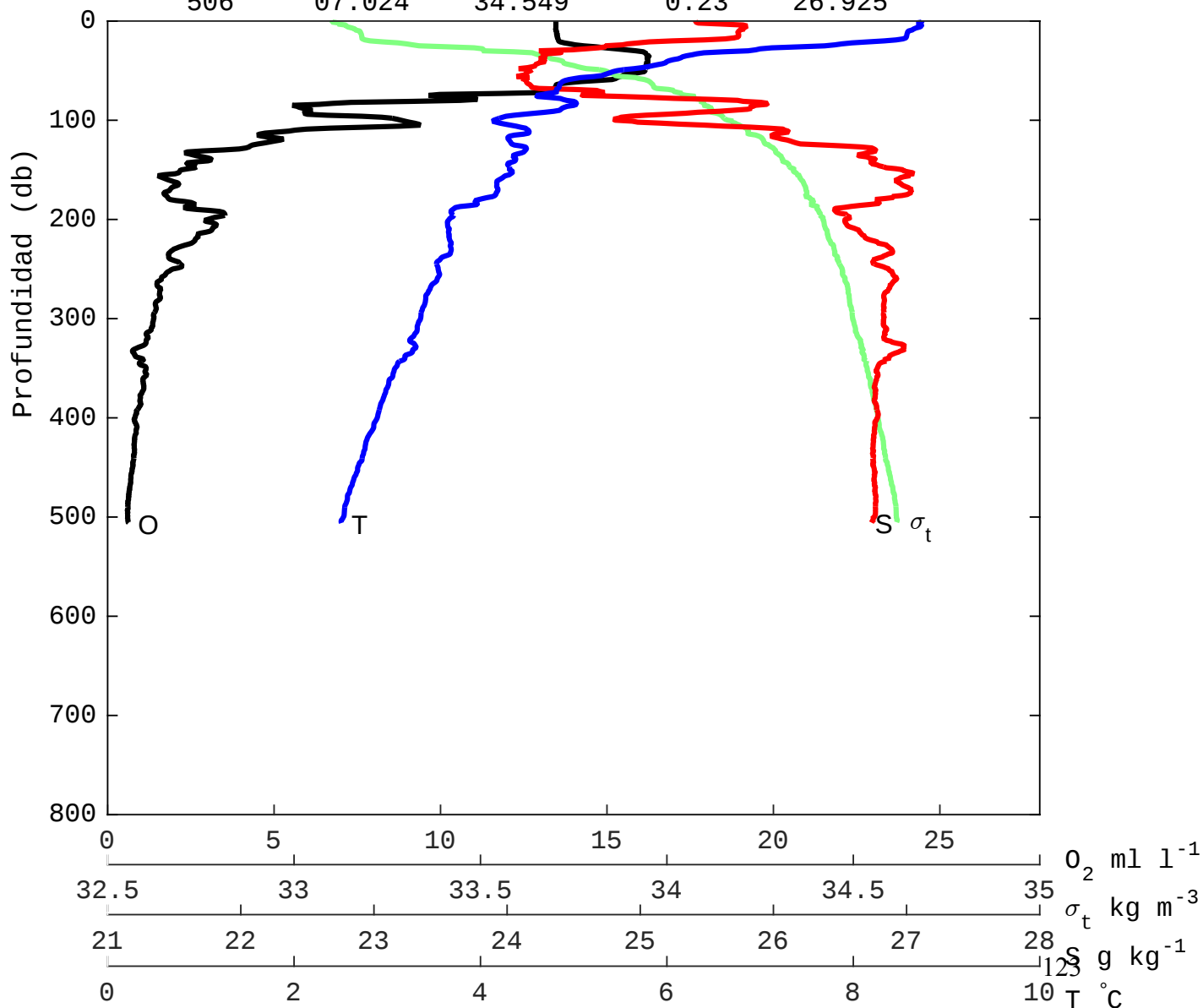
0	23.870	33.979	4.84	22.786
10	23.384	33.988	4.92	22.934
20	21.884	33.897	5.13	23.292
30	20.101	33.810	5.35	23.707
50	15.217	33.675	5.33	24.781
75	13.498	33.925	3.04	25.335
100	13.127	34.280	1.69	25.684
125	12.566	34.418	0.67	25.901
150	12.542	34.589	0.69	26.037
200	11.655	34.662	0.49	26.262
250	11.388	34.772	0.25	26.396
300	10.435	34.675	0.37	26.491
400	08.820	34.629	0.26	26.723
500	07.248	34.537	0.29	26.884
506	07.233	34.538	0.27	26.888



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 123.55 120 26°48.98 -115°49.84 19082014 01:40 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

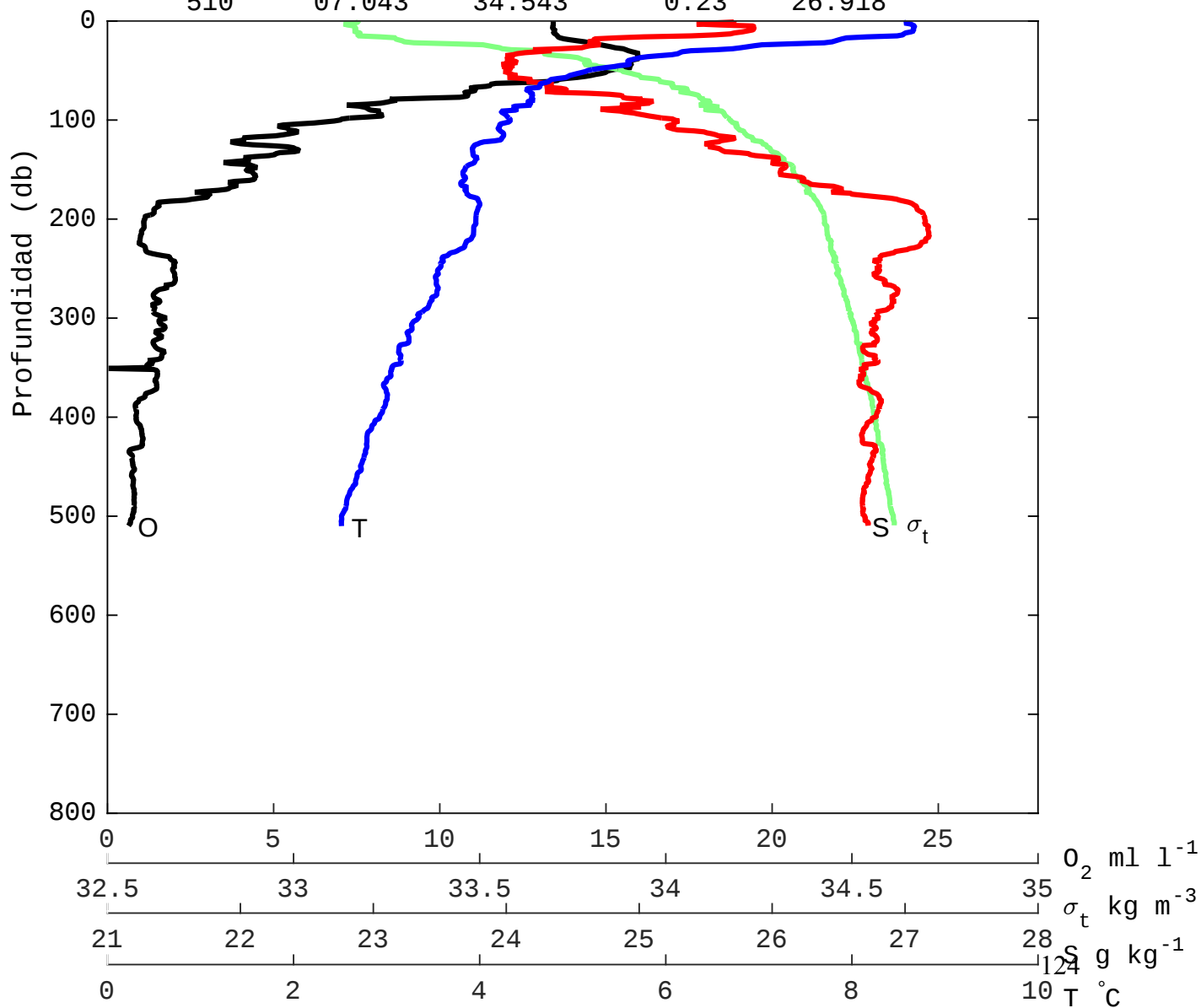
0	24.461	34.077	4.81	22.685
10	24.061	34.194	4.82	22.892
20	23.328	34.015	4.84	22.971
30	19.241	33.657	5.67	23.813
50	15.305	33.635	5.77	24.731
75	12.879	33.773	3.44	25.343
100	11.599	33.861	3.15	25.655
125	12.217	34.417	1.55	25.967
150	12.080	34.633	0.79	26.160
200	10.258	34.479	1.08	26.371
250	09.926	34.595	0.70	26.518
300	09.398	34.583	0.49	26.596
400	08.098	34.565	0.29	26.784
500	07.083	34.557	0.22	26.924
506	07.024	34.549	0.23	26.925



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 123.60 121 26°36.04 -116°09.06 19082014 04:55 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

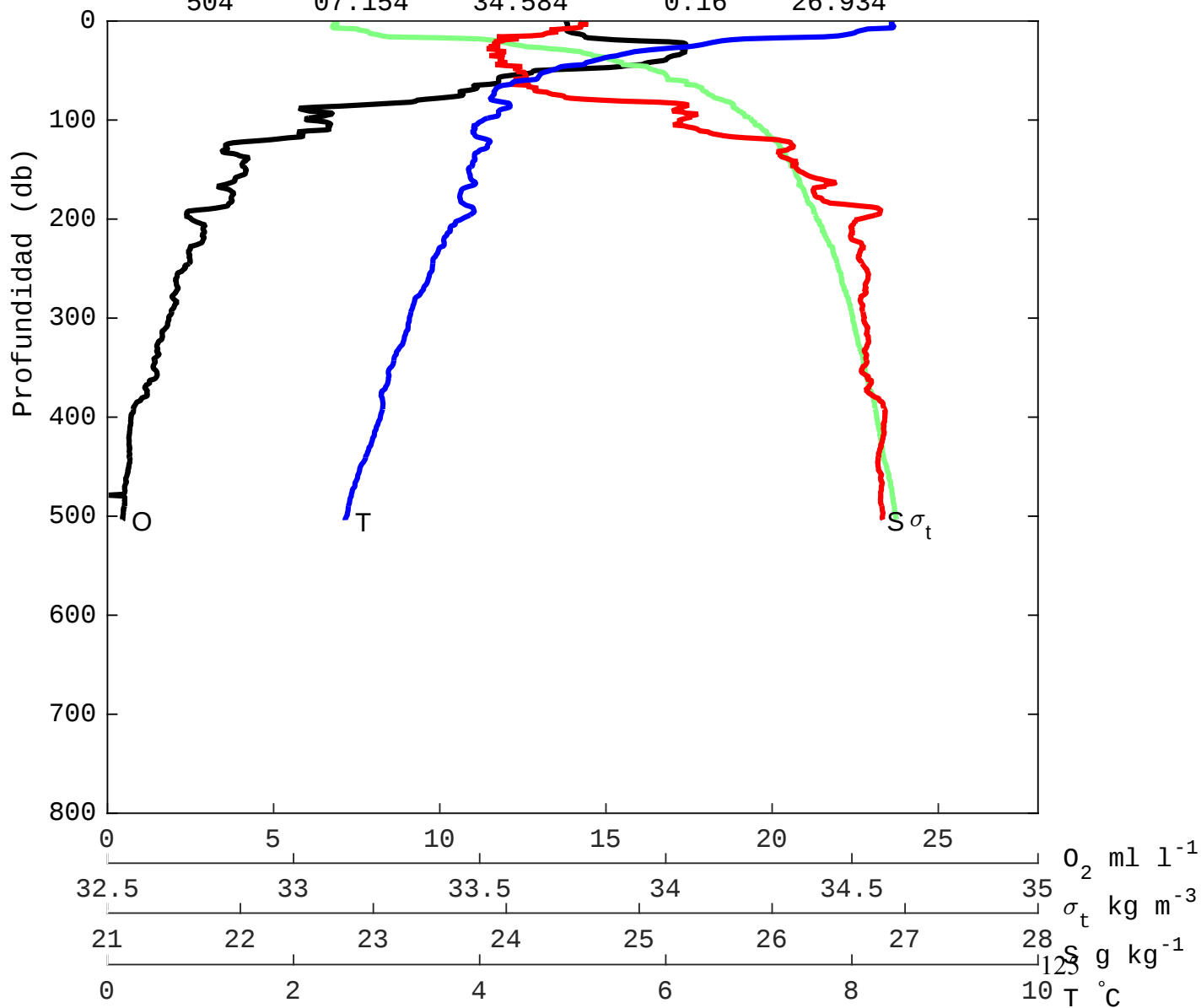
0	24.050	34.184	4.79	22.887
10	24.263	34.220	4.82	22.851
20	21.905	33.807	5.05	23.217
30	17.554	33.693	5.60	24.258
50	14.449	33.581	5.40	24.874
75	12.786	33.877	3.88	25.441
100	12.132	34.022	2.50	25.679
125	11.066	34.116	1.56	25.949
150	10.760	34.310	1.49	26.153
200	11.086	34.696	0.40	26.393
250	09.979	34.563	0.70	26.484
300	09.350	34.574	0.64	26.596
400	08.188	34.565	0.31	26.771
500	07.041	34.534	0.27	26.911
510	07.043	34.543	0.23	26.918



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 123.65 122 26°29.00 -116°28.34 19082014 08:31 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

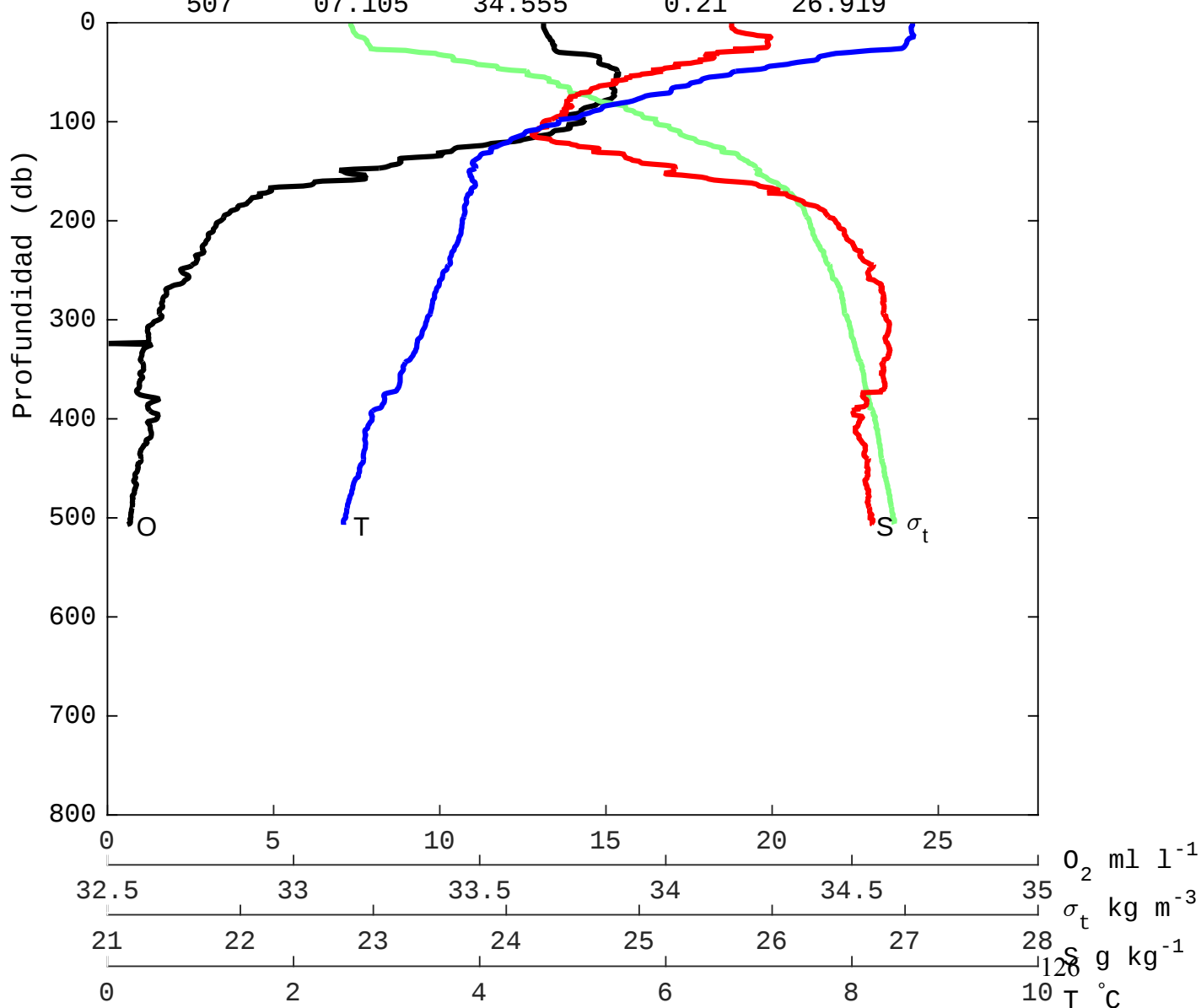
0	23.607	33.775	4.93	22.709
10	22.617	33.701	4.94	22.937
20	18.477	33.563	5.70	23.934
30	16.100	33.544	6.21	24.484
50	13.327	33.606	4.60	25.125
75	11.609	33.716	3.82	25.541
100	11.312	34.039	2.14	25.845
125	11.440	34.336	1.27	26.051
150	10.861	34.355	1.49	26.170
200	10.660	34.522	0.90	26.335
250	09.775	34.536	0.84	26.497
300	09.084	34.533	0.66	26.608
400	08.211	34.589	0.25	26.786
500	07.194	34.582	0.17	26.928
504	07.154	34.584	0.16	26.934



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 123.70 123 26°19.00 -116°47.54 19082014 12:17 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

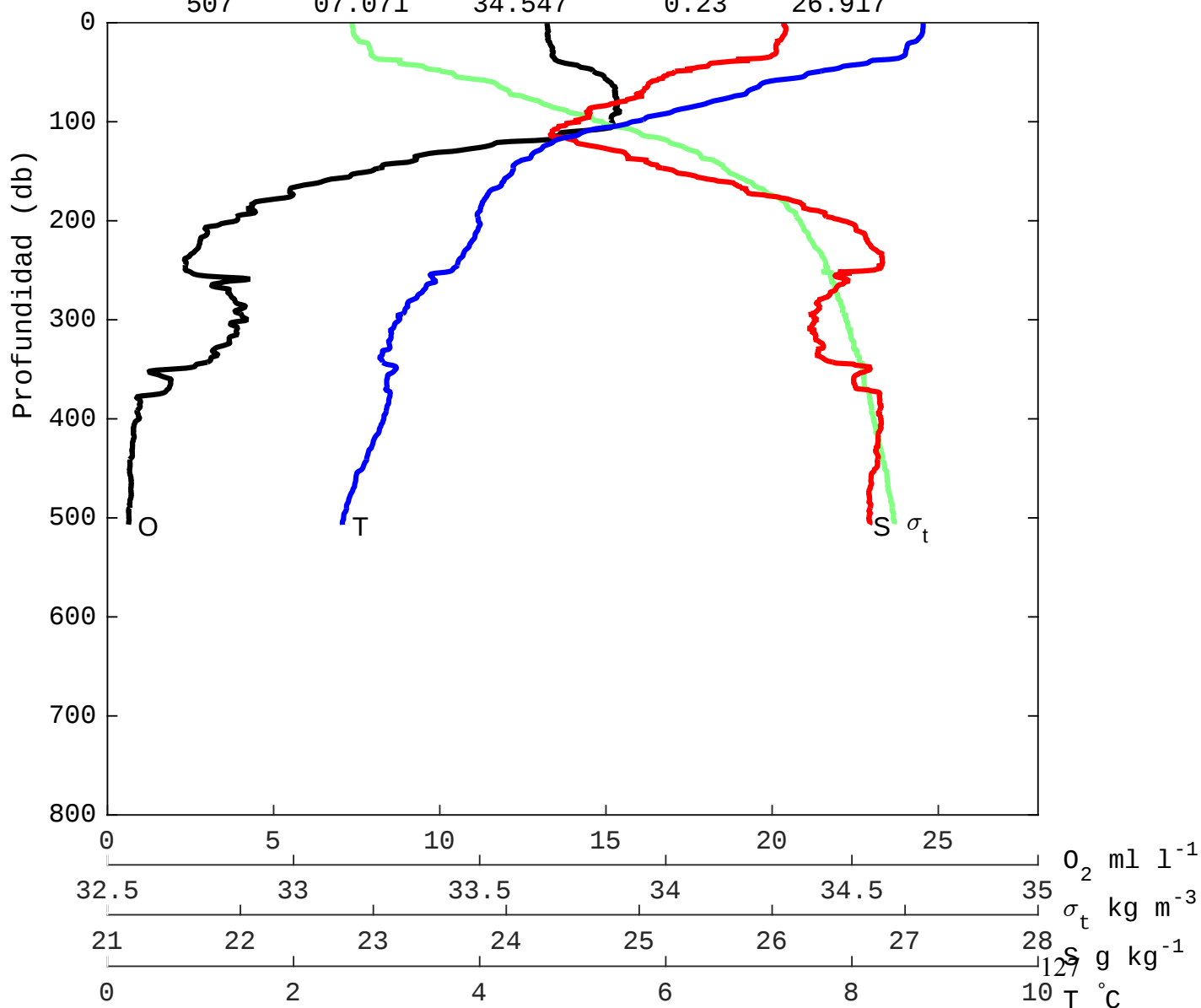
0	24.225	34.177	4.69	22.830
10	24.201	34.203	4.71	22.857
20	24.052	34.272	4.78	22.953
30	22.315	34.135	4.86	23.350
50	18.804	33.974	5.48	24.164
75	16.130	33.741	5.43	24.627
100	13.579	33.672	5.12	25.124
125	11.721	33.763	3.90	25.556
150	10.876	34.022	2.53	25.909
200	10.676	34.455	1.22	26.280
250	10.184	34.544	0.78	26.434
300	09.615	34.593	0.55	26.568
400	07.963	34.526	0.53	26.774
500	07.177	34.545	0.25	26.901
507	07.105	34.555	0.21	26.919



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 123.75 124 26°09.03 -117°06.91 19082014 15:47 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

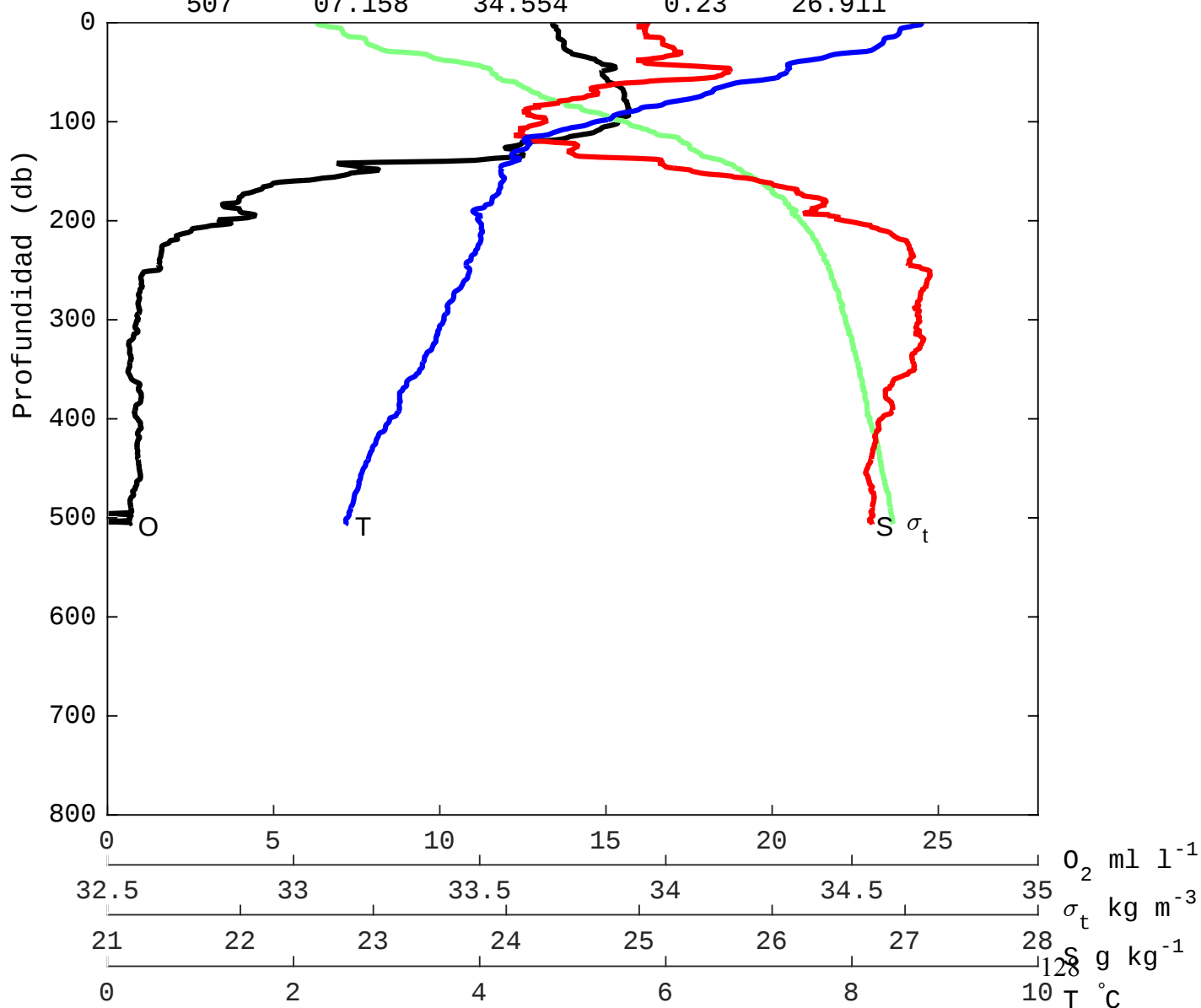
0	24.544	34.317	4.73	22.841
10	24.523	34.321	4.73	22.849
20	24.174	34.304	4.76	22.941
30	24.016	34.296	4.79	22.982
50	21.276	34.022	5.24	23.553
75	18.786	33.922	5.46	24.129
100	15.790	33.771	5.42	24.727
125	13.115	33.809	4.07	25.323
150	12.185	34.024	2.83	25.669
200	11.154	34.474	1.39	26.209
250	10.375	34.559	0.83	26.413
300	08.784	34.409	1.51	26.558
400	08.315	34.577	0.35	26.761
500	07.104	34.547	0.23	26.913
507	07.071	34.547	0.23	26.917



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 127.75 125 25°33.56 -116°43.88 19082014 20:58 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

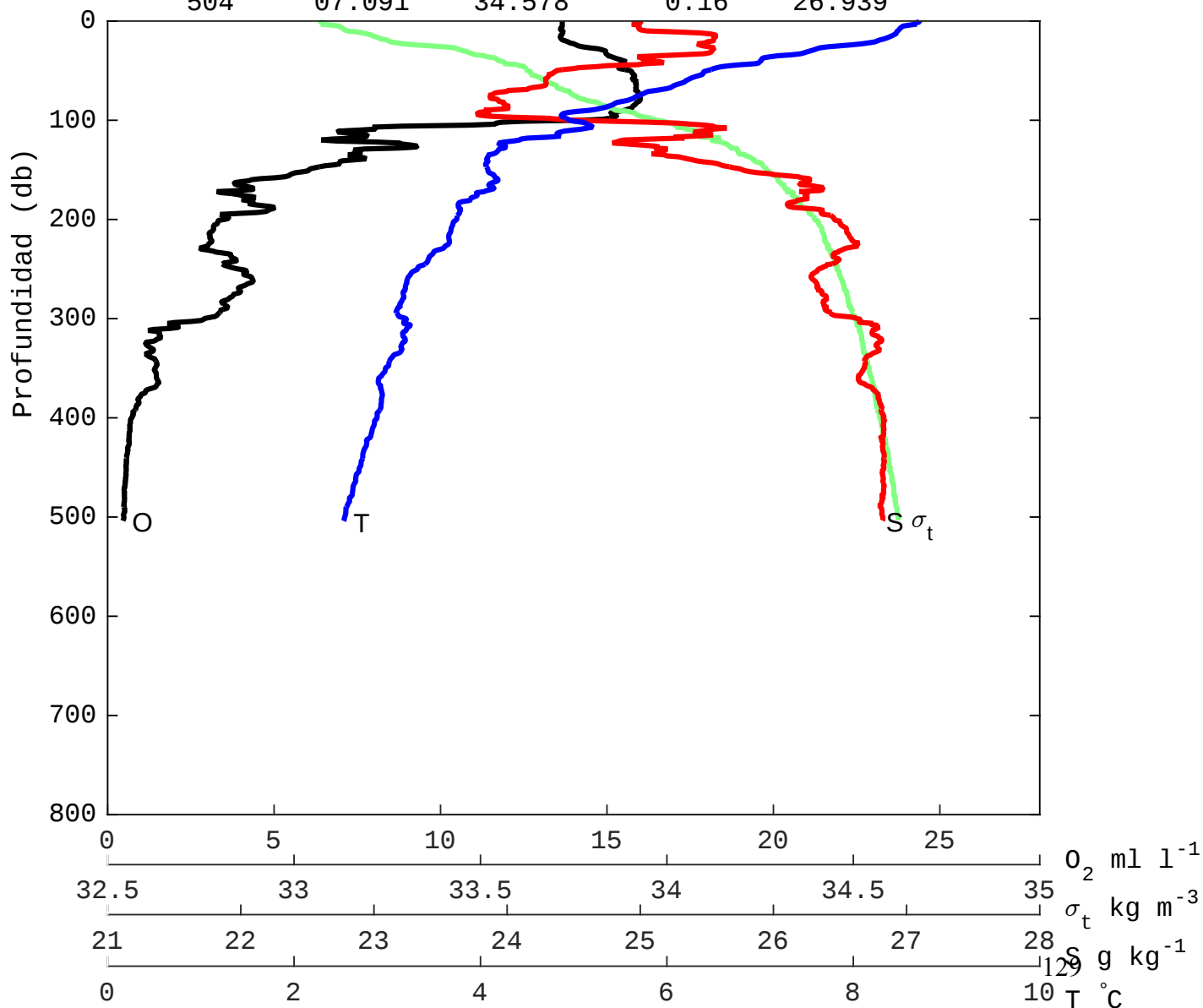
0	24.493	33.952	4.78	22.581
10	23.828	33.944	4.84	22.772
20	23.341	33.992	4.91	22.950
30	22.438	34.046	4.99	23.249
50	20.433	34.170	5.31	23.892
75	17.781	33.786	5.56	24.273
100	14.690	33.676	5.49	24.895
125	12.635	33.766	4.35	25.384
150	11.837	34.069	2.82	25.770
200	11.172	34.478	1.20	26.209
250	10.901	34.705	0.55	26.433
300	10.136	34.675	0.34	26.544
400	08.488	34.580	0.32	26.736
500	07.216	34.550	0.24	26.899
507	07.158	34.554	0.23	26.911



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 127.70 126 25°43.78 -116°24.58 20082014 00:20 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

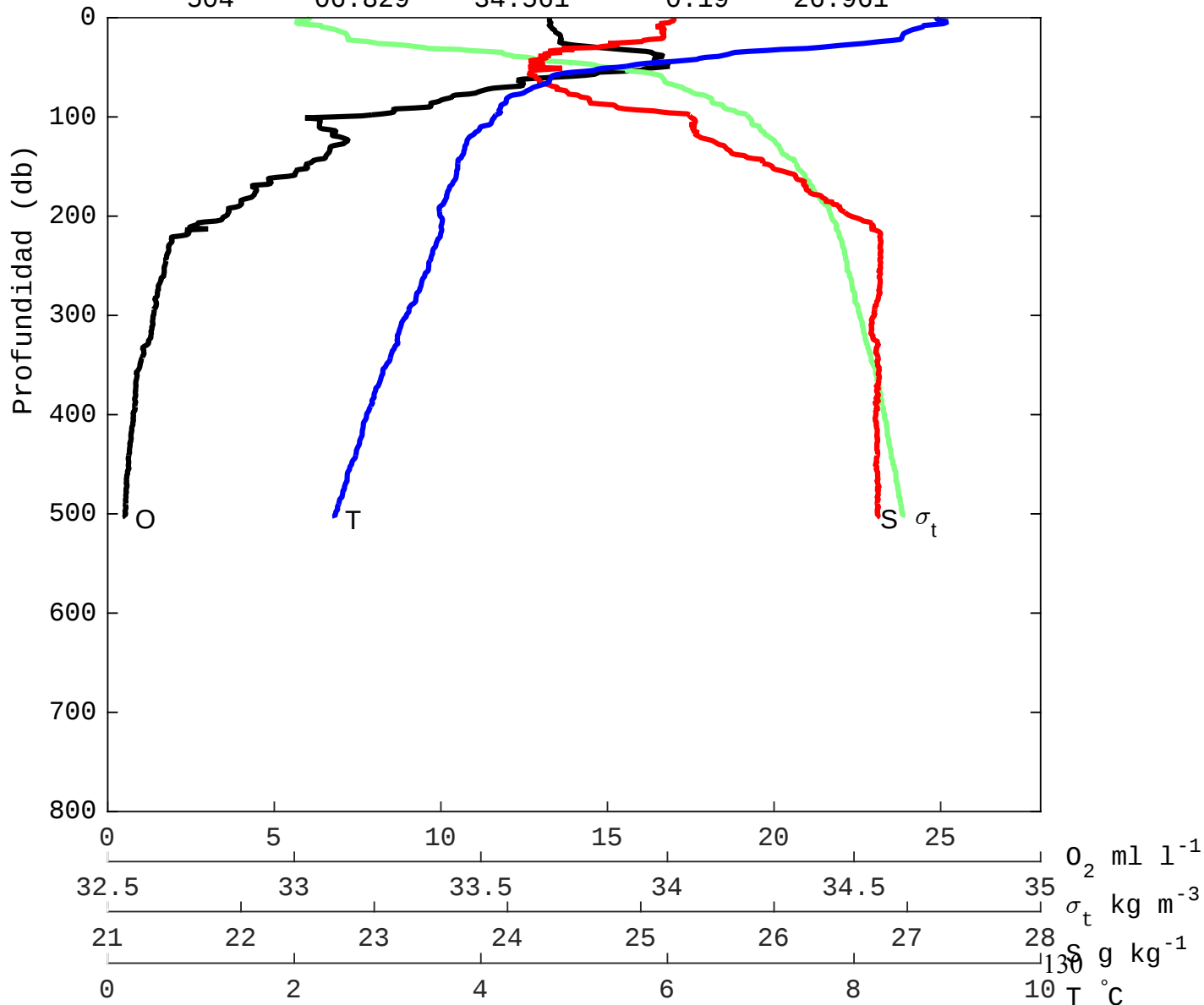
0	24.391	33.930	4.88	22.595
10	23.731	33.946	4.88	22.802
20	23.120	34.124	4.91	23.113
30	21.117	34.119	5.34	23.670
50	18.011	33.703	5.61	24.155
75	15.969	33.522	5.71	24.496
100	13.884	33.744	5.10	25.117
125	11.876	33.929	3.25	25.655
150	11.423	34.202	2.16	25.950
200	10.485	34.449	1.26	26.308
250	09.317	34.408	1.40	26.473
300	08.974	34.509	1.04	26.606
400	08.092	34.582	0.26	26.798
500	07.121	34.579	0.17	26.936
504	07.091	34.578	0.16	26.939



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 127.60 128 26°03.57 -115°46.21 20082014 07:03 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

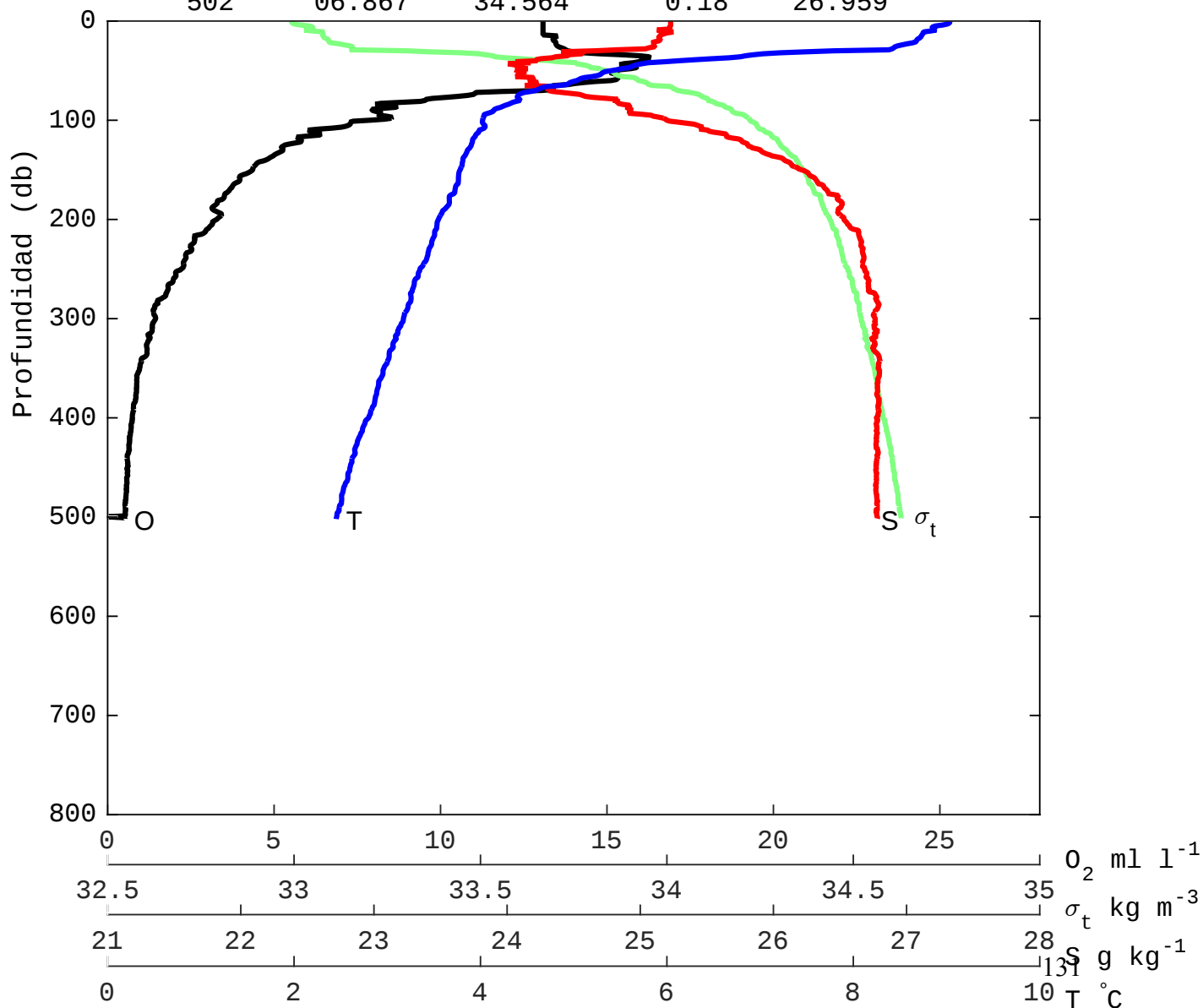
0	24.871	34.018	4.74	22.517
10	24.402	33.986	4.76	22.634
20	23.837	33.990	4.87	22.804
30	21.352	33.812	5.25	23.373
50	15.293	33.627	5.92	24.727
75	12.523	33.729	3.97	25.379
100	11.608	34.062	2.43	25.808
125	10.780	34.125	2.56	26.007
150	10.503	34.281	2.14	26.176
200	09.980	34.491	1.26	26.428
250	09.636	34.570	0.61	26.547
300	08.964	34.557	0.49	26.646
400	07.770	34.559	0.27	26.828
500	06.840	34.562	0.19	26.961
504	06.829	34.561	0.19	26.961



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 127.55 129 26°13.70 -115°27.05 20082014 10:08 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

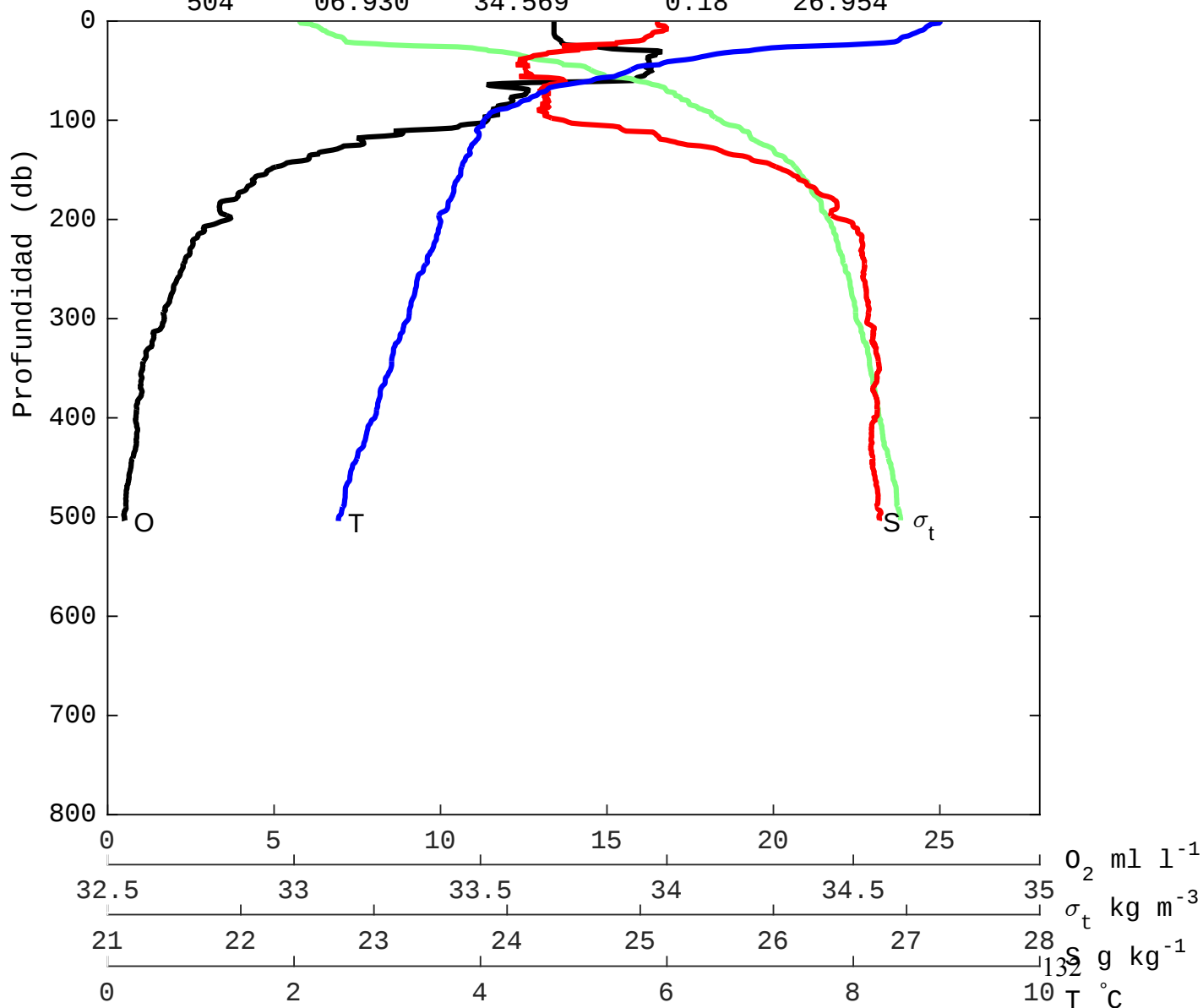
0	25.298	34.010	4.67	22.382
10	24.727	33.984	4.67	22.535
20	24.296	33.979	4.79	22.660
30	21.821	33.809	4.93	23.242
50	15.134	33.597	5.44	24.739
75	12.325	33.774	3.86	25.451
100	11.265	33.999	2.82	25.823
125	10.925	34.217	1.90	26.052
150	10.589	34.360	1.56	26.222
200	09.937	34.474	1.17	26.422
250	09.383	34.531	0.79	26.558
300	08.886	34.559	0.52	26.659
400	07.838	34.562	0.26	26.821
500	06.878	34.564	0.00	26.958
502	06.867	34.564	0.18	26.959



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 127.50 130 26°23.67 -115°07.89 20082014 13:44 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

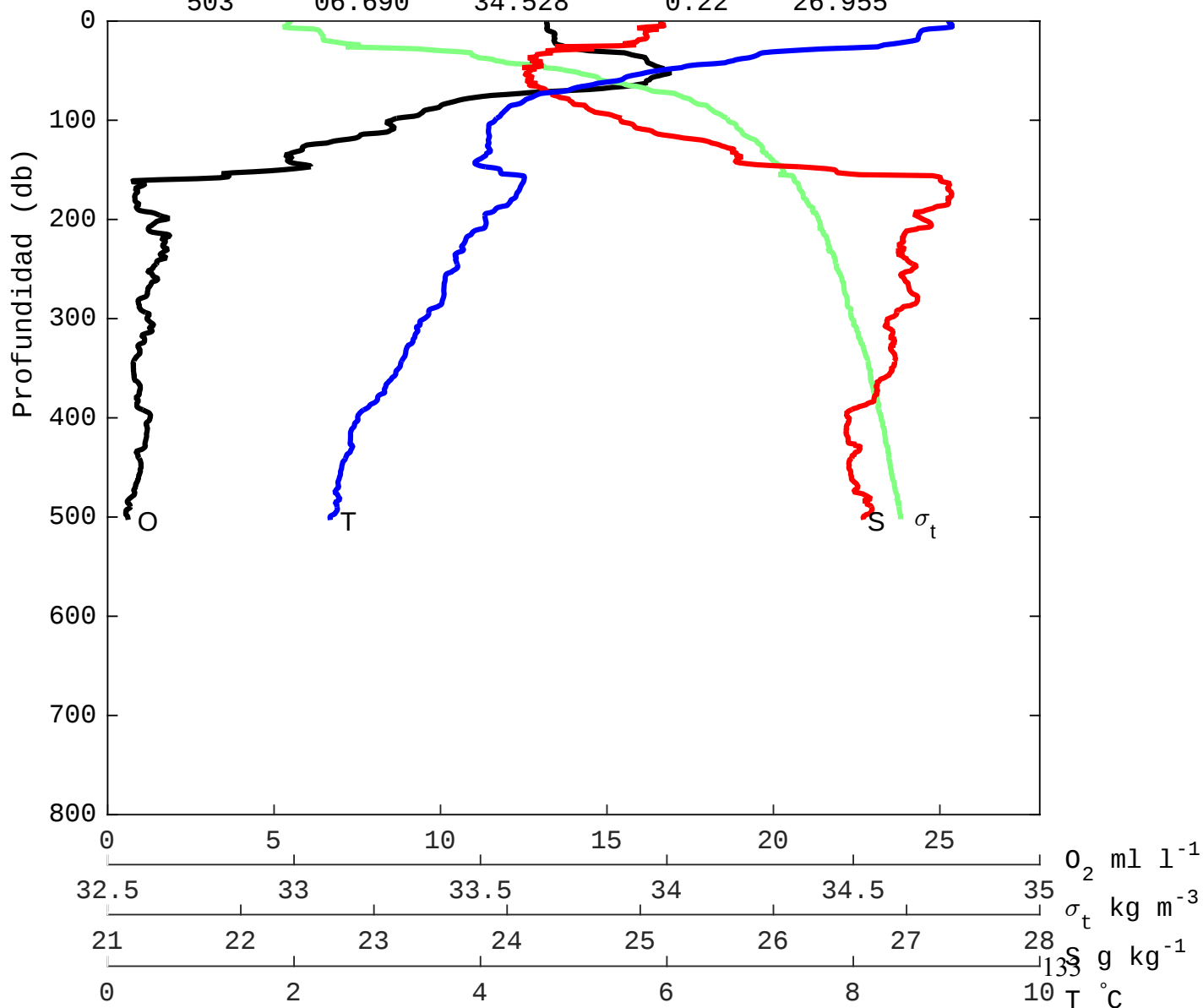
0	25.003	33.975	4.79	22.445
10	24.393	33.989	4.79	22.639
20	23.734	33.926	4.87	22.786
30	19.266	33.728	5.90	23.861
50	15.678	33.620	5.84	24.637
75	12.886	33.666	4.45	25.259
100	11.307	33.722	4.07	25.600
125	10.932	34.055	2.71	25.926
150	10.611	34.310	1.74	26.180
200	09.980	34.469	1.30	26.411
250	09.487	34.529	0.80	26.540
300	09.040	34.539	0.60	26.619
400	08.025	34.555	0.31	26.788
500	06.941	34.569	0.18	26.952
504	06.930	34.569	0.18	26.954



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 127.45 132 26°34.33 -114°49.33 20082014 18:05 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

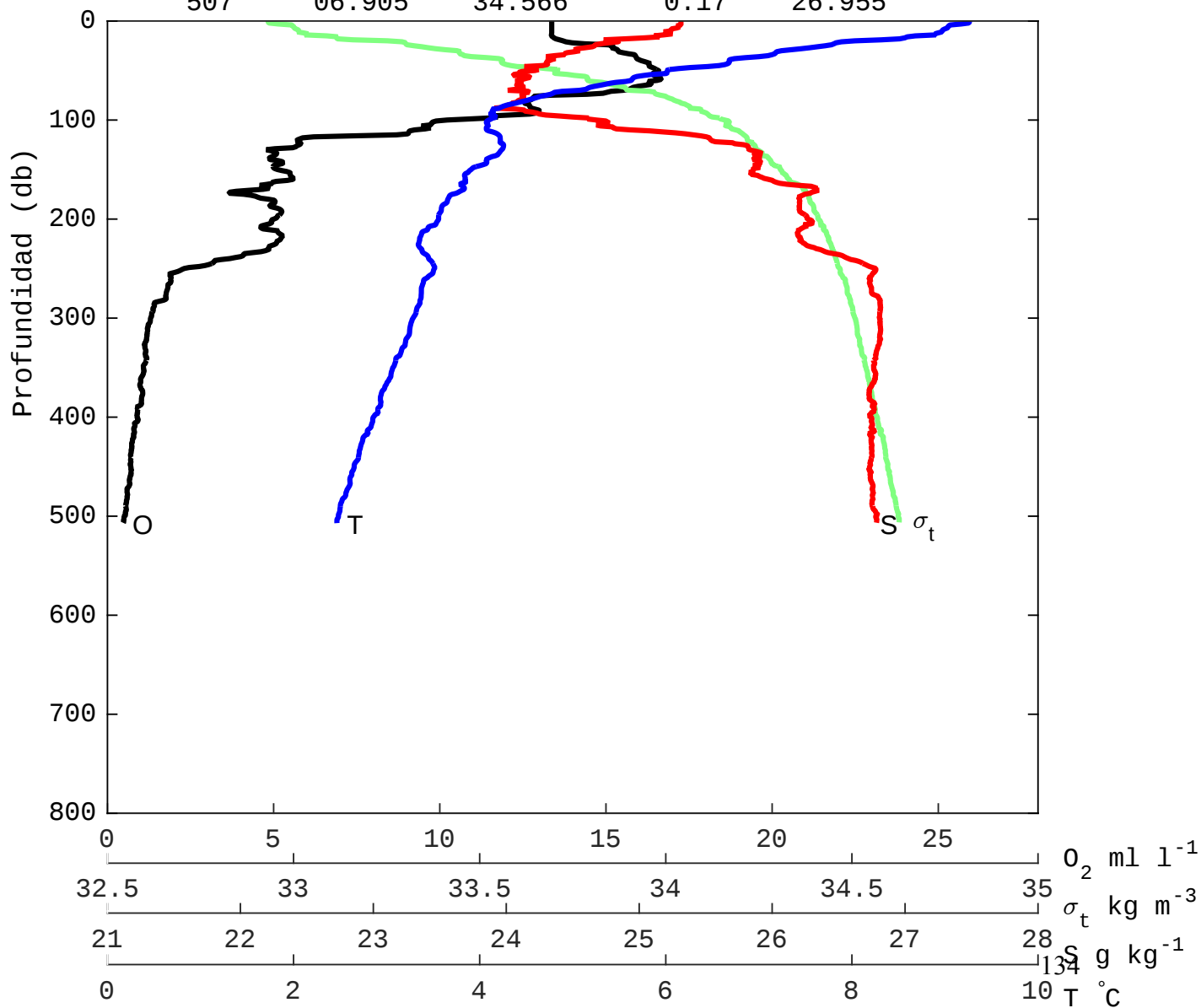
0	25.264	33.983	4.71	22.372
10	24.444	33.946	4.74	22.591
20	24.183	33.921	4.79	22.650
30	20.462	33.675	5.17	23.509
50	16.533	33.626	5.97	24.447
75	12.855	33.698	4.12	25.289
100	11.639	33.877	3.05	25.659
125	11.415	34.141	2.14	25.904
150	11.792	34.450	1.88	26.073
200	11.349	34.687	0.63	26.338
250	10.464	34.659	0.48	26.474
300	09.510	34.596	0.42	26.587
400	07.508	34.488	0.46	26.811
500	06.679	34.526	0.22	26.954
503	06.690	34.528	0.22	26.955



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 127.40 133 26°43.75 -114°29.23 20082014 22:07 NaN NaN

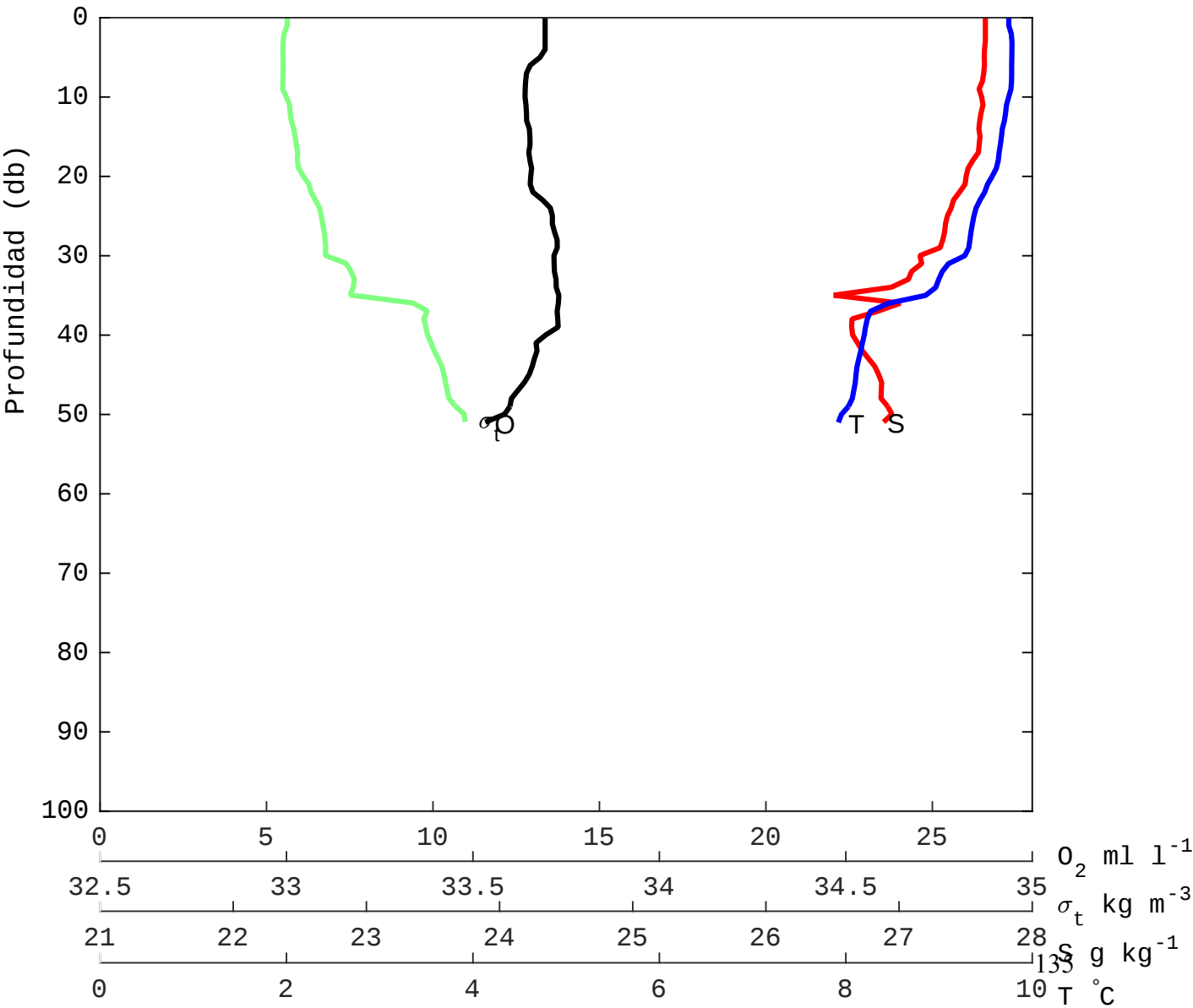
PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

0	25.937	34.041	4.77	22.209
10	25.115	34.013	4.77	22.440
20	22.488	33.876	4.89	23.106
30	20.279	33.769	5.49	23.629
50	16.819	33.649	5.92	24.398
75	13.193	33.615	4.76	25.159
100	11.472	33.812	3.65	25.640
125	11.919	34.209	2.06	25.863
150	10.942	34.232	1.83	26.060
200	09.965	34.380	1.79	26.345
250	09.836	34.564	0.82	26.509
300	09.195	34.574	0.46	26.621
400	07.999	34.552	0.32	26.789
500	06.951	34.565	0.19	26.948
507	06.905	34.566	0.17	26.955



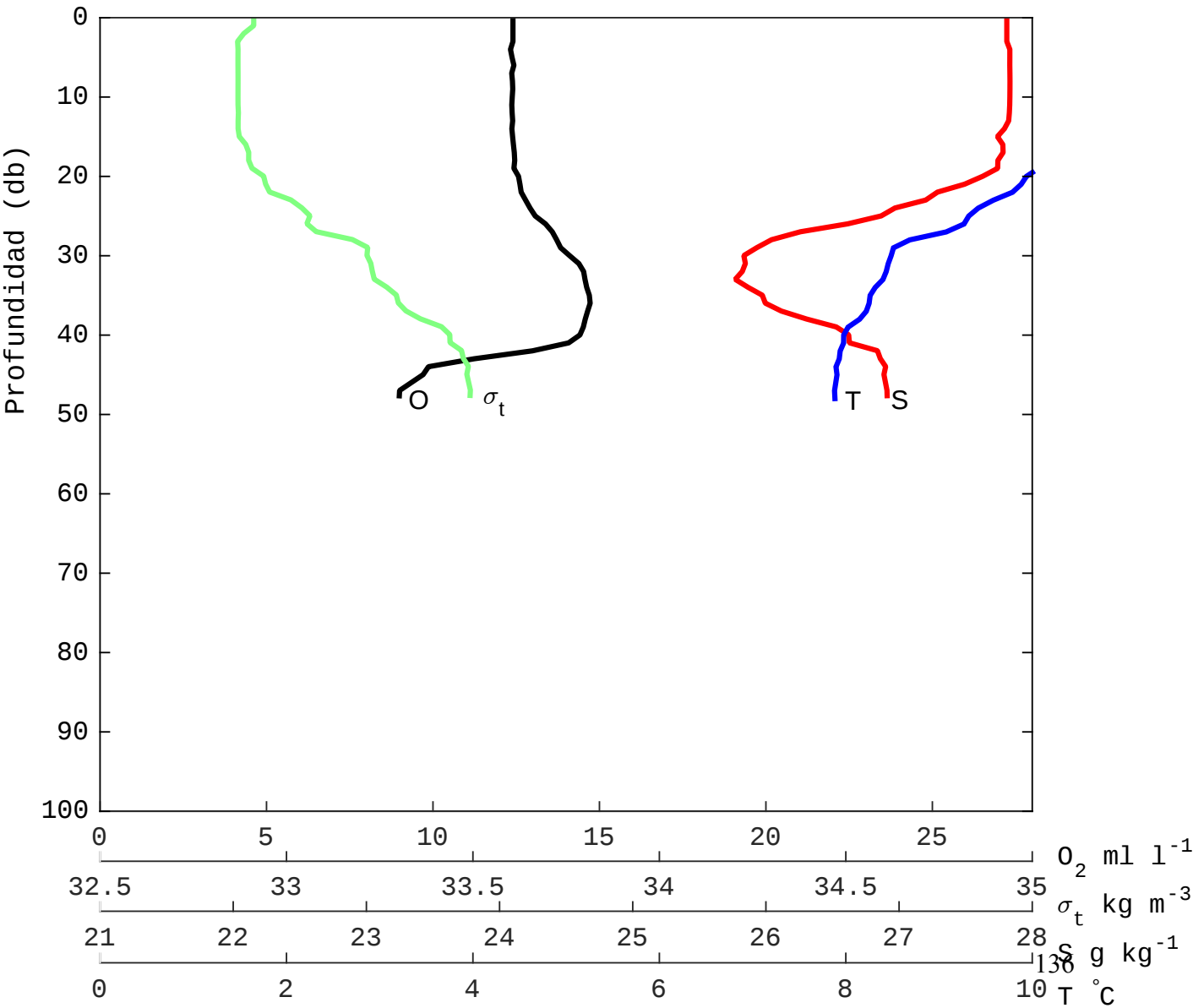
ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
127.34 134 26°55.73 -114°06.20 21082014 01:56 NaN NaN

PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
0	27.295	34.874	4.77	22.405
10	27.292	34.864	4.56	22.399
20	26.795	34.823	4.62	22.526
30	25.973	34.699	4.87	22.691
50	22.267	34.624	4.34	23.733
51	22.175	34.601	4.13	23.742



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
130.28 135 26°37.50 -113°21.87 21082014 08:13 NaN NaN

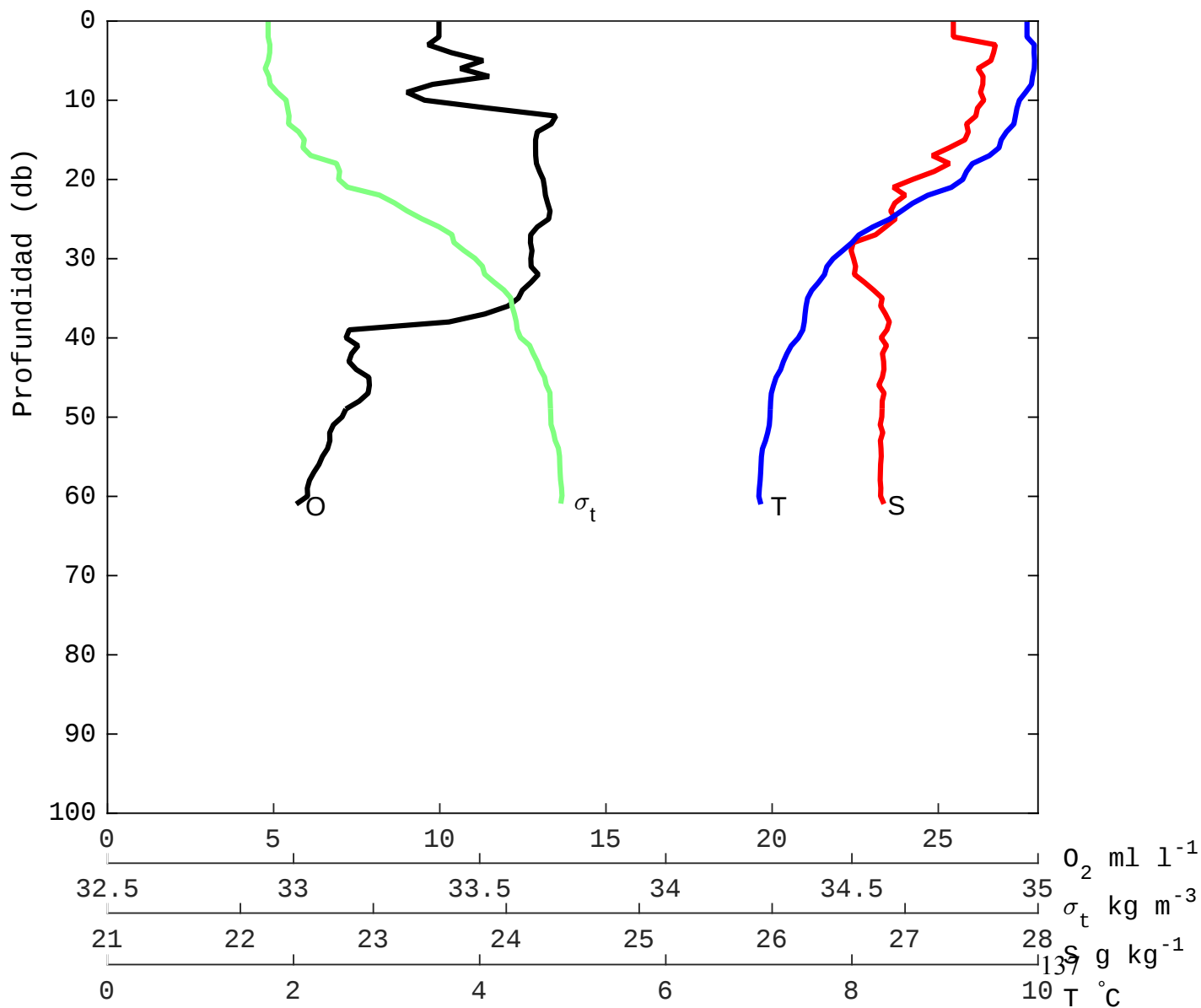
PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
0	28.201	34.932	4.43	22.154
10	28.578	34.940	4.42	22.036
20	27.826	34.867	4.49	22.228
30	23.761	34.226	5.04	23.004
48	22.073	34.611	3.21	23.778



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 130.30 136 26°29.27 -113°29.71 21082014 10:06 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

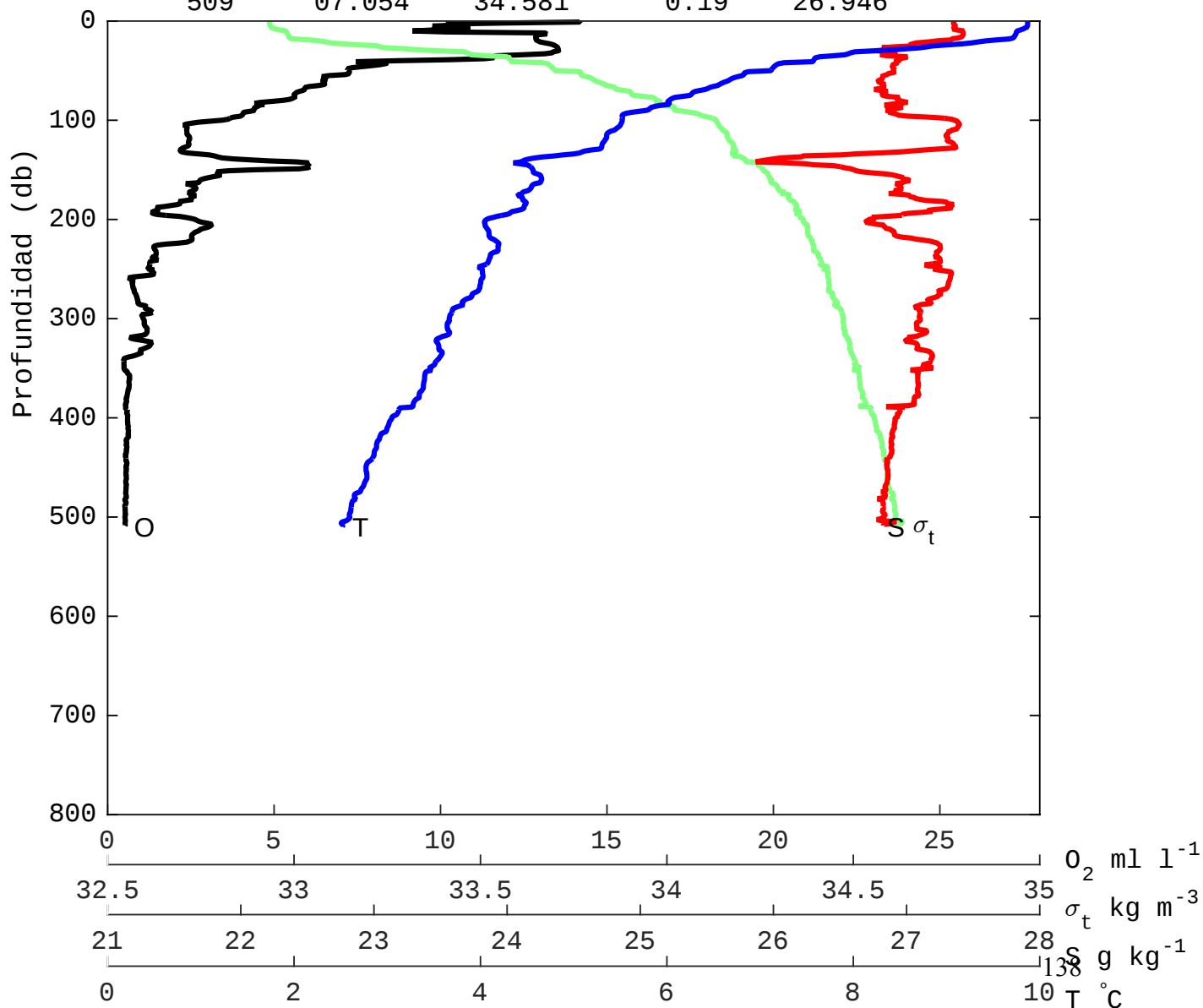
0	27.669	34.773	3.56	22.208
10	27.440	34.854	3.41	22.344
20	25.736	34.664	4.68	22.739
30	21.834	34.504	4.55	23.764
50	19.934	34.580	2.52	24.335
61	19.661	34.586	2.03	24.410



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 130.35 137 26°19.25 -113°48.74 21082014 12:54 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

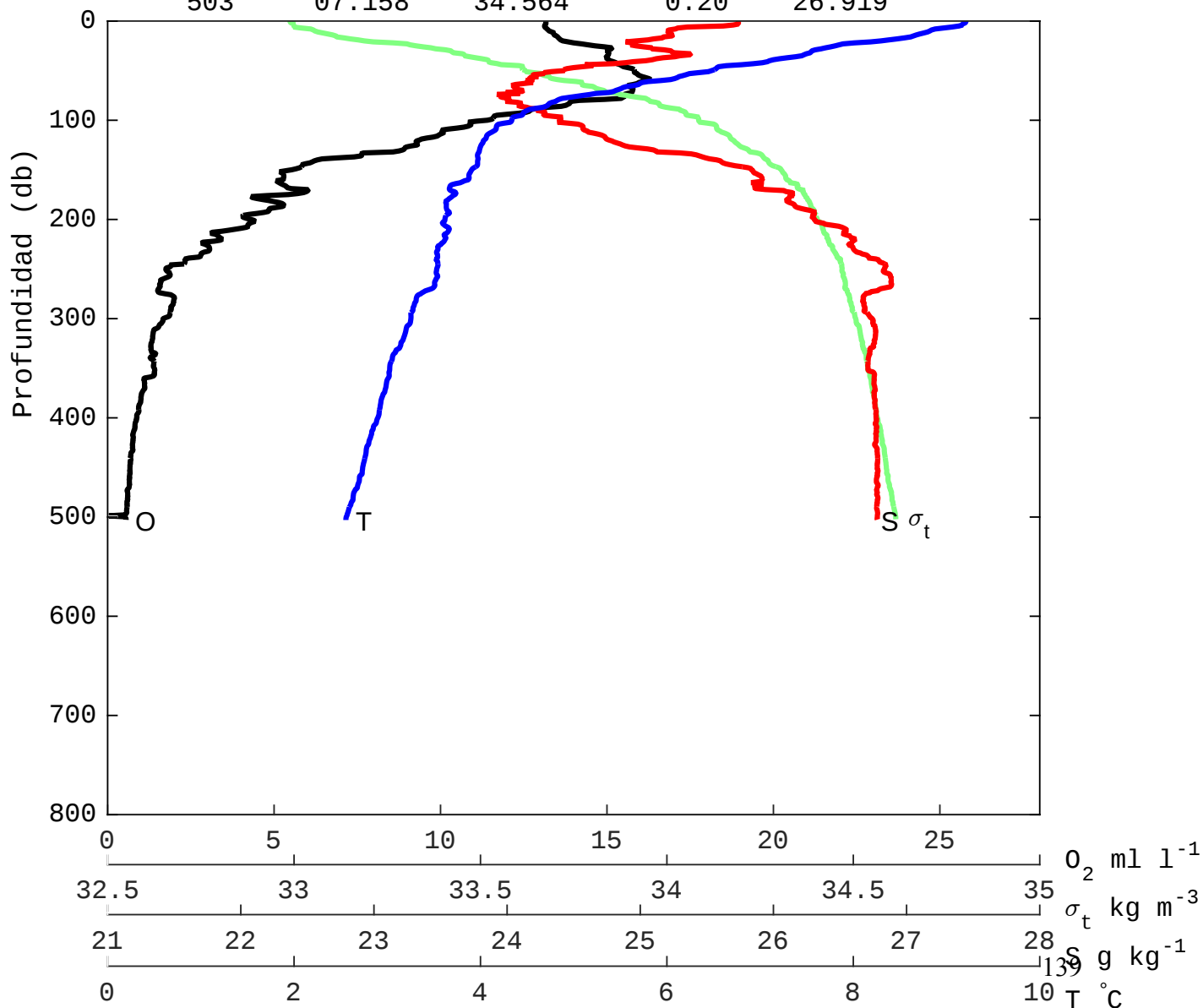
0	27.637	34.769	5.07	22.216
10	27.323	34.796	3.27	22.338
20	26.373	34.724	4.62	22.586
30	23.033	34.564	4.84	23.470
50	19.932	34.603	2.60	24.353
75	17.488	34.580	2.00	24.949
100	15.460	34.771	1.23	25.566
125	14.850	34.771	0.87	25.700
150	12.776	34.501	1.57	25.923
200	11.385	34.543	0.94	26.220
250	11.292	34.714	0.43	26.369
300	10.261	34.679	0.38	26.525
400	08.537	34.614	0.21	26.756
500	07.271	34.581	0.18	26.917
509	07.054	34.581	0.19	26.946



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 130.40 139 26°08.91 -114°08.96 21082014 17:35 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

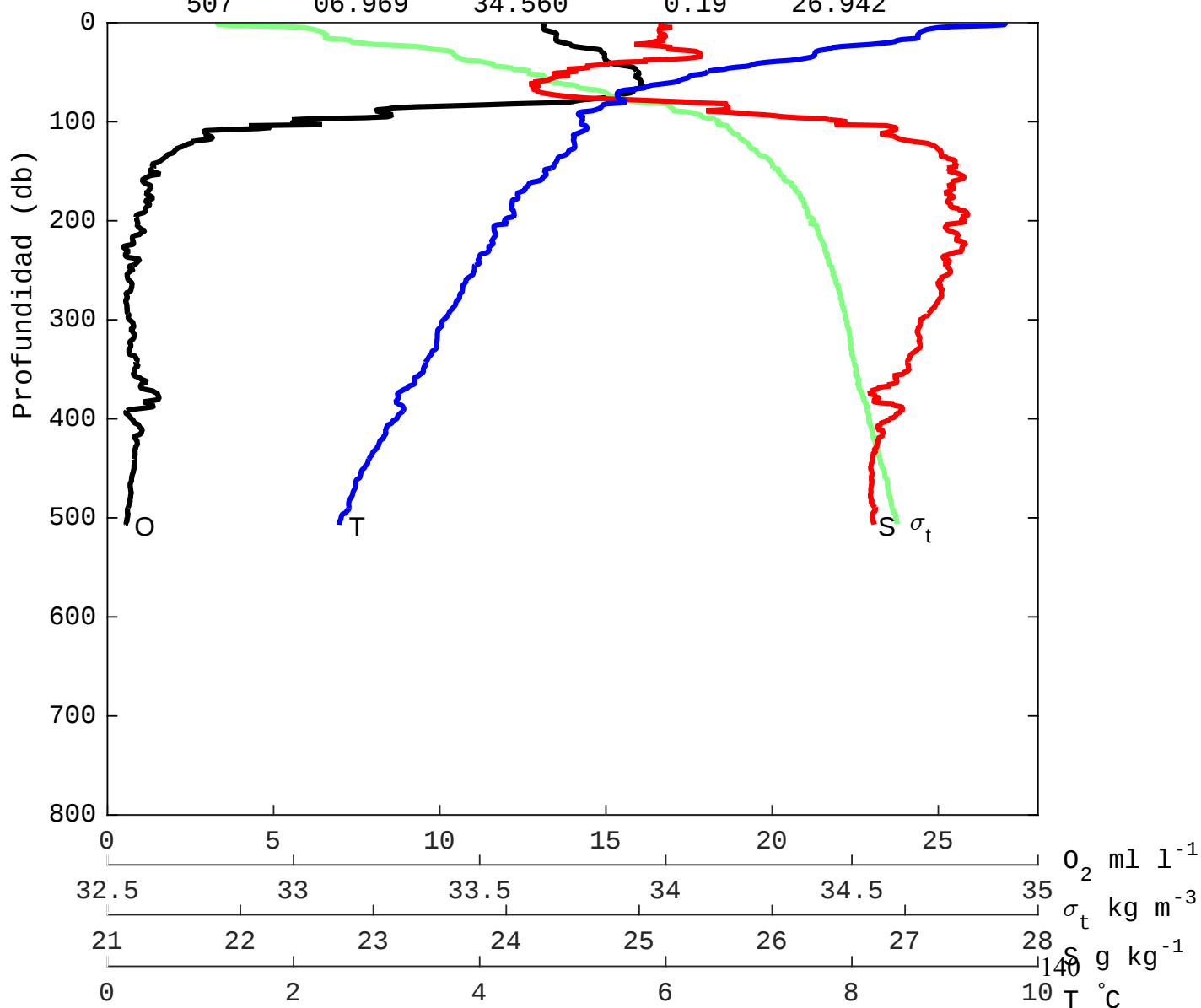
0	25.782	34.192	4.70	22.370
10	24.698	34.000	4.74	22.556
20	23.231	33.918	4.88	22.926
30	21.158	34.011	5.35	23.577
50	18.139	33.726	5.65	24.141
75	14.271	33.556	5.55	24.892
100	12.141	33.713	4.08	25.439
125	11.221	33.881	3.32	25.738
150	10.936	34.227	1.98	26.057
200	10.133	34.396	1.53	26.328
250	09.885	34.584	0.62	26.516
300	09.110	34.550	0.60	26.617
400	08.116	34.560	0.32	26.778
500	07.167	34.564	0.19	26.918
503	07.158	34.564	0.20	26.919



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 130.45 140 25°59.28 -114°27.12 21082014 21:43 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

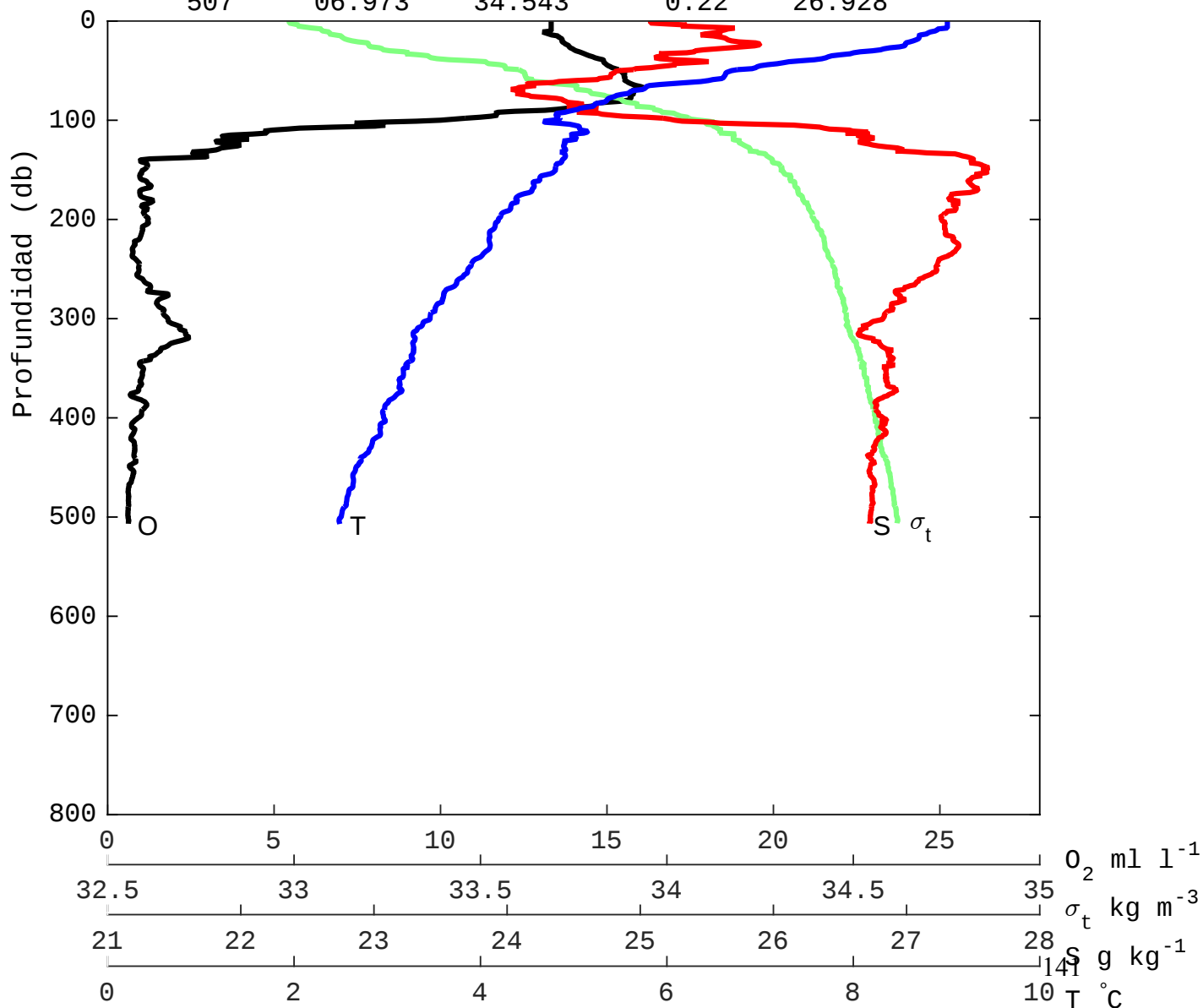
0	27.016	33.987	4.69	21.829
10	24.444	33.984	4.81	22.620
20	23.537	33.962	4.89	22.871
30	21.298	34.087	5.32	23.596
50	18.041	33.738	5.70	24.174
75	15.358	33.751	5.43	24.808
100	14.266	34.487	2.00	25.607
125	14.062	34.724	0.81	25.832
150	13.160	34.758	0.46	26.044
200	11.947	34.799	0.32	26.313
250	11.047	34.763	0.27	26.451
300	10.118	34.684	0.23	26.554
400	08.711	34.601	0.26	26.718
500	07.030	34.554	0.21	26.929
507	06.969	34.560	0.19	26.942



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 130.50 141 25°49.56 -114°46.24 22082014 00:53 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

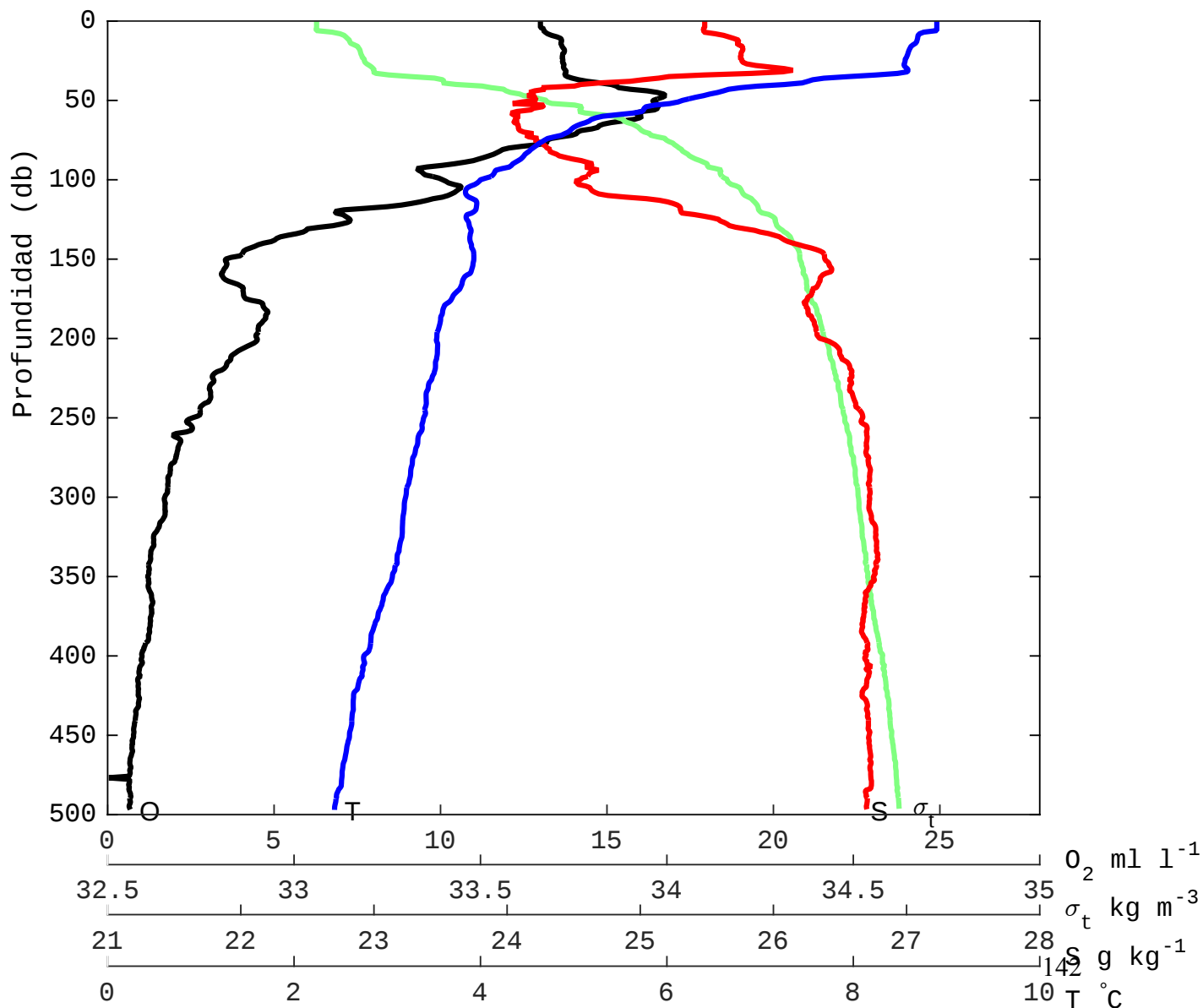
0	25.225	33.956	4.76	22.364
10	24.858	34.142	4.76	22.614
20	24.197	34.173	4.87	22.836
30	22.972	34.076	5.02	23.120
50	18.741	33.871	5.49	24.102
75	15.284	33.630	5.59	24.731
100	13.359	34.021	3.57	25.437
125	13.703	34.552	1.43	25.775
150	13.467	34.843	0.39	26.048
200	11.735	34.736	0.44	26.304
250	10.827	34.723	0.34	26.460
300	09.686	34.580	0.65	26.546
400	08.294	34.579	0.33	26.766
500	07.018	34.545	0.22	26.923
507	06.973	34.543	0.22	26.928



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 130.55 142 25°39.28 -115°05.33 22082014 04:26 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

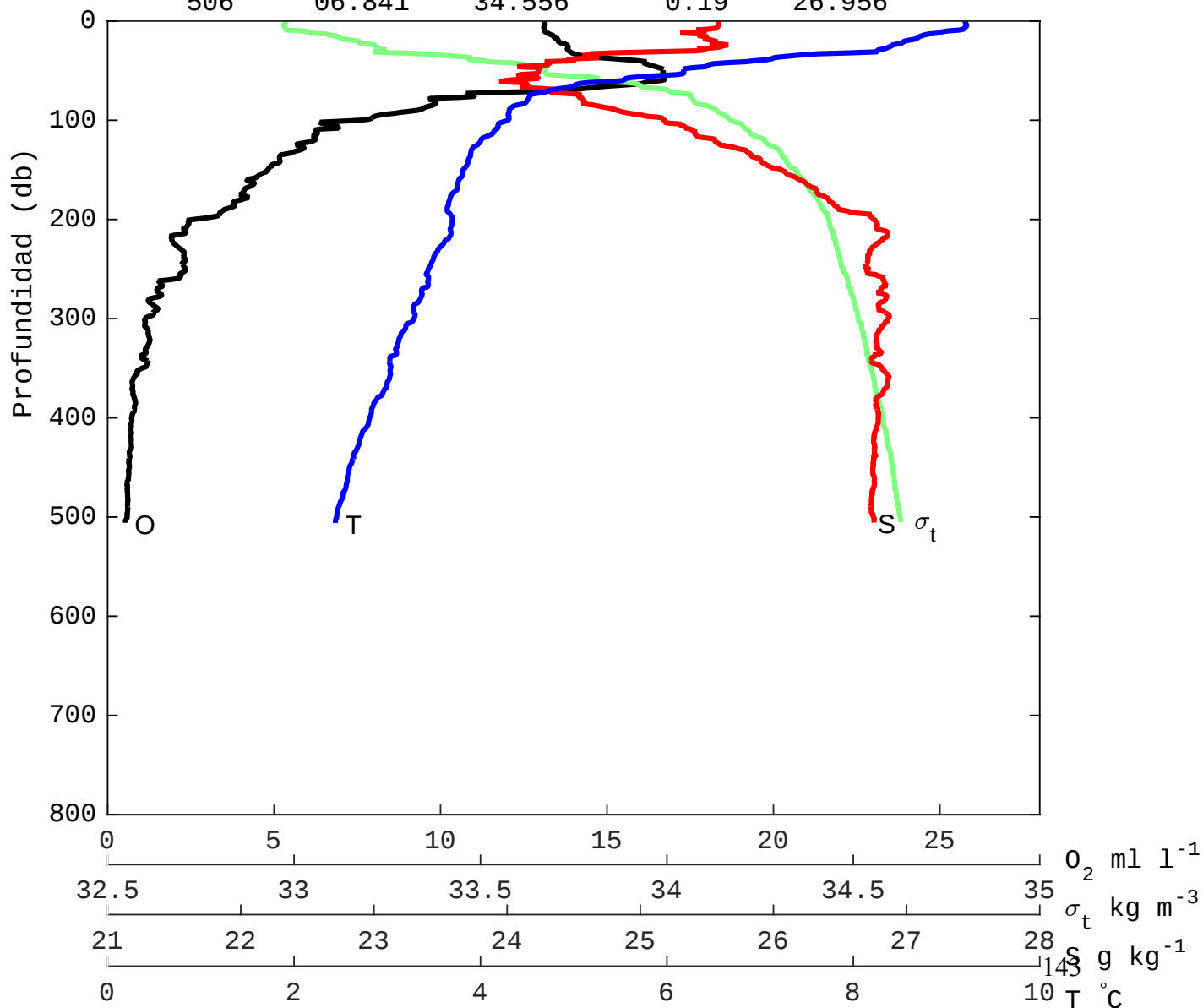
0	24.908	34.101	4.64	22.569
10	24.336	34.166	4.82	22.789
20	24.047	34.199	4.90	22.900
30	24.022	34.315	4.90	22.994
50	17.267	33.651	5.85	24.295
75	13.131	33.645	4.71	25.194
100	11.199	33.769	3.59	25.656
125	10.789	34.138	2.60	26.015
150	11.000	34.424	1.27	26.198
200	09.886	34.409	1.60	26.380
250	09.492	34.526	0.91	26.536
300	08.951	34.543	0.61	26.637
400	07.694	34.536	0.37	26.821
497	06.816	34.536	0.24	26.944



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 130.60 143 25°29.49 -115°24.49 22082014 07:50 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

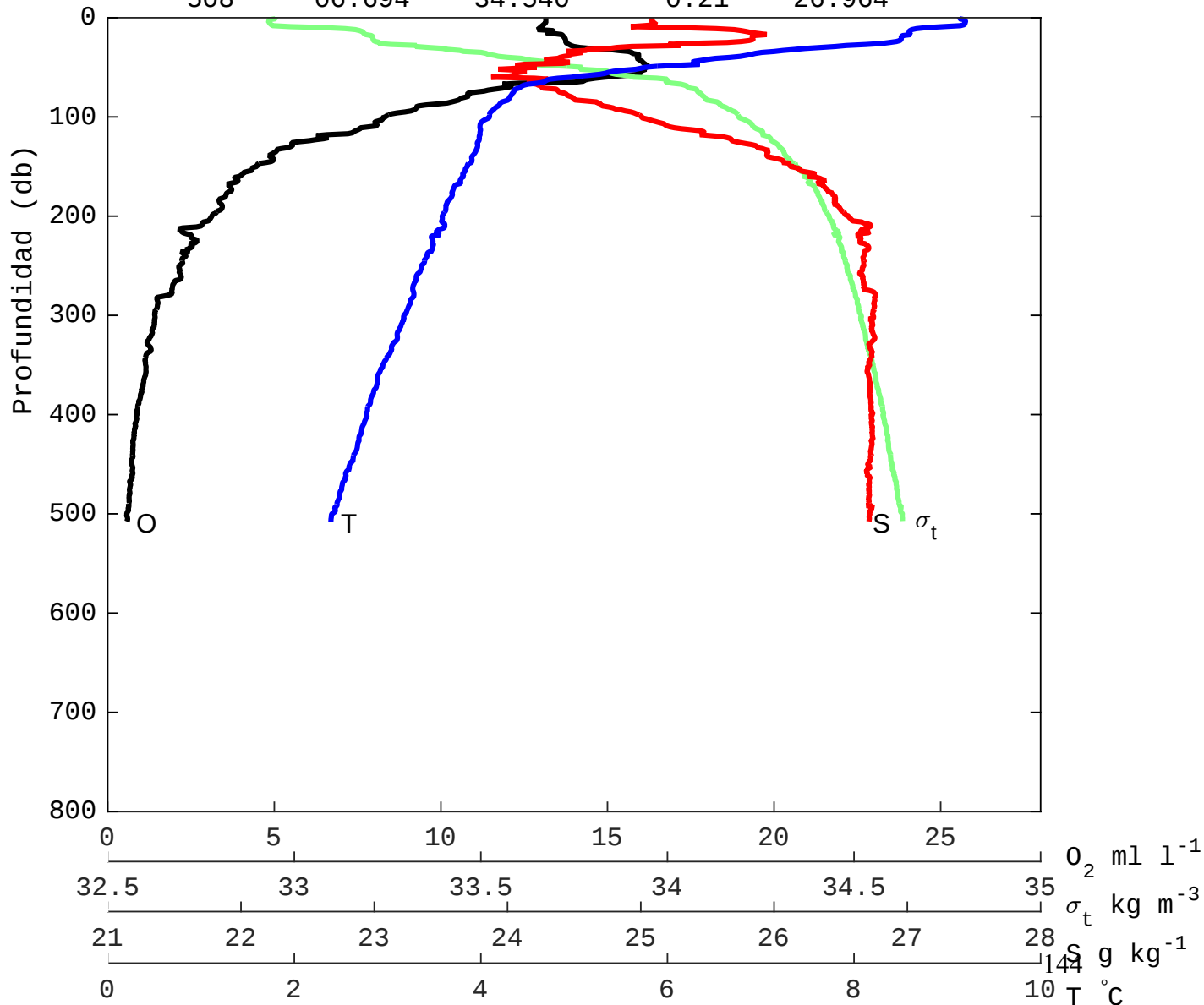
0	25.761	34.139	4.69	22.337
10	25.228	34.106	4.68	22.476
20	23.964	34.128	4.82	22.871
30	23.119	34.080	4.95	23.080
50	17.303	33.654	5.96	24.288
75	12.673	33.768	3.94	25.379
100	12.013	33.993	2.71	25.679
125	11.102	34.143	2.02	25.963
150	10.678	34.306	1.71	26.164
200	10.355	34.554	0.92	26.413
250	09.633	34.541	0.83	26.525
300	09.204	34.594	0.41	26.636
400	07.868	34.567	0.26	26.821
500	06.881	34.554	0.21	26.949
506	06.841	34.556	0.19	26.956



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 130.65 144 25°19.19 -115°43.48 22082014 11:00 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

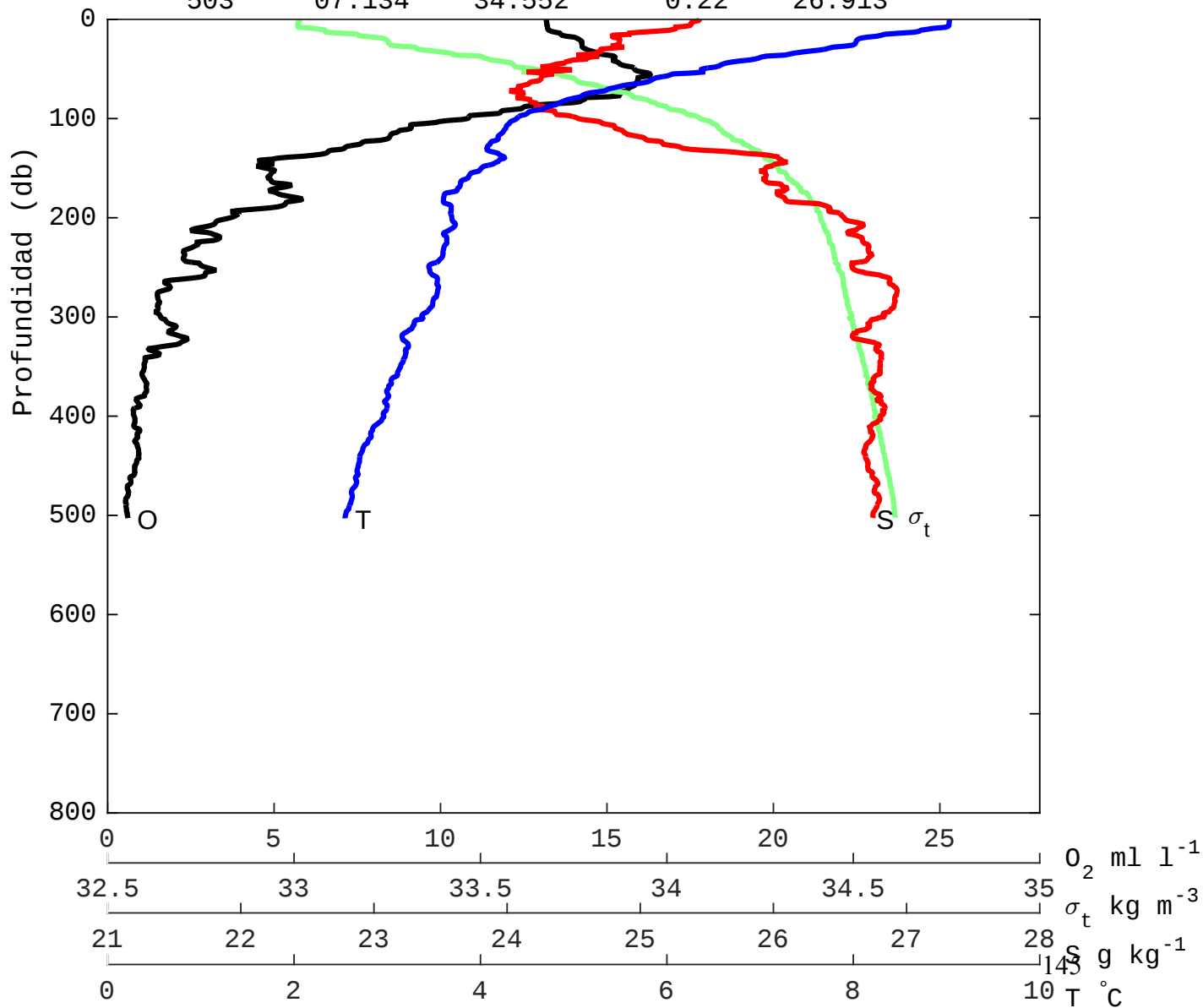
0	25.567	33.957	4.70	22.260
10	24.557	34.041	4.63	22.630
20	23.819	34.227	4.90	22.988
30	21.387	33.864	5.06	23.403
50	16.123	33.650	5.77	24.559
75	12.183	33.710	3.95	25.429
100	11.459	33.931	2.98	25.734
125	11.110	34.183	2.05	25.992
150	10.792	34.329	1.60	26.162
200	10.038	34.485	1.12	26.414
250	09.416	34.526	0.76	26.549
300	08.895	34.550	0.51	26.651
400	07.771	34.551	0.31	26.822
500	06.728	34.543	0.21	26.962
508	06.694	34.540	0.21	26.964



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 130.70 145 25°09.31 -116°02.46 22082014 14:44 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

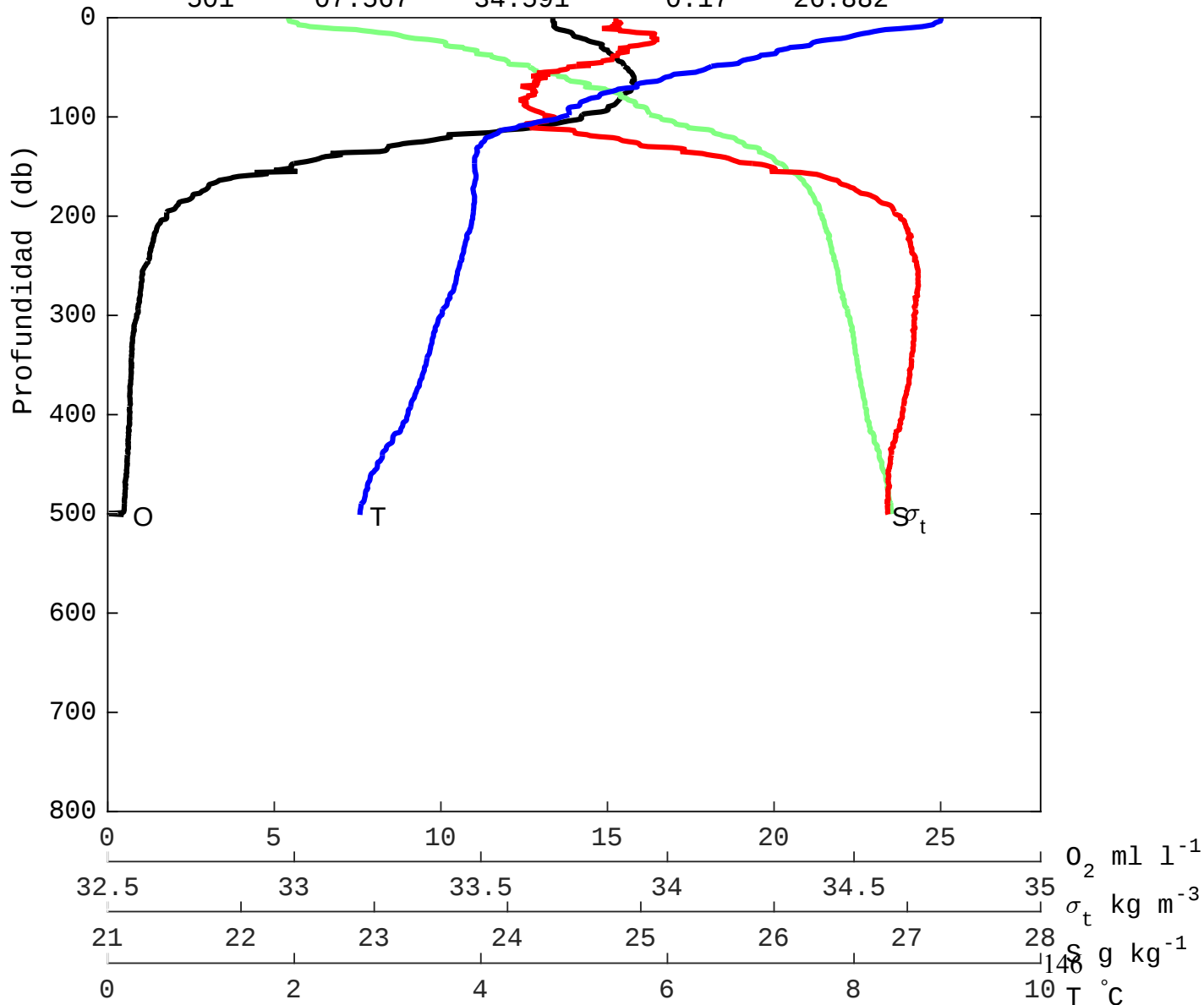
0	25.289	34.087	4.71	22.443
10	24.618	34.017	4.72	22.593
20	22.542	33.873	5.05	23.089
30	21.566	33.824	5.13	23.324
50	17.869	33.715	5.65	24.198
75	14.375	33.613	5.48	24.915
100	12.289	33.762	3.86	25.448
125	11.496	33.989	2.72	25.772
150	11.229	34.264	1.69	26.034
200	10.340	34.475	1.32	26.354
250	09.650	34.496	1.05	26.487
300	09.440	34.585	0.57	26.590
400	08.298	34.571	0.28	26.759
500	07.144	34.553	0.21	26.912
503	07.134	34.552	0.22	26.913



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 130.75 146 24°59.26 -116°21.74 22082014 18:17 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

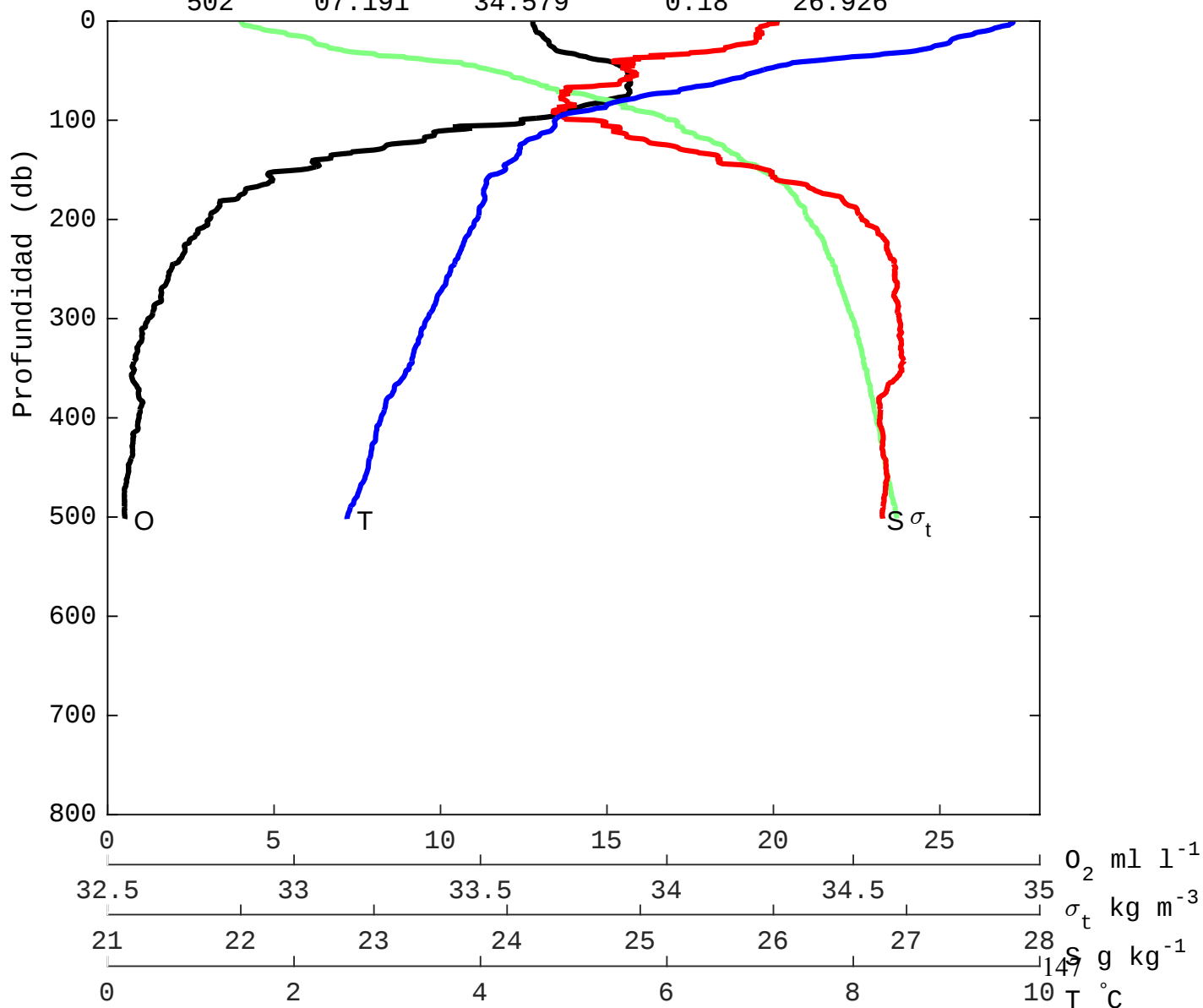
0	25.009	33.862	4.77	22.358
10	24.137	33.850	4.80	22.610
20	22.179	33.961	5.05	23.257
30	20.485	33.897	5.29	23.671
50	18.062	33.730	5.55	24.163
75	15.034	33.647	5.57	24.799
100	13.618	33.695	5.07	25.134
125	11.281	33.896	3.38	25.740
150	11.012	34.273	1.97	26.080
200	10.955	34.624	0.63	26.361
250	10.559	34.669	0.41	26.466
300	09.999	34.661	0.30	26.556
400	09.006	34.629	0.24	26.694
500	07.570	34.591	0.00	26.881
501	07.567	34.591	0.17	26.882



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 133.75 147 24°25.08 -115°59.47 22082014 23:11 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

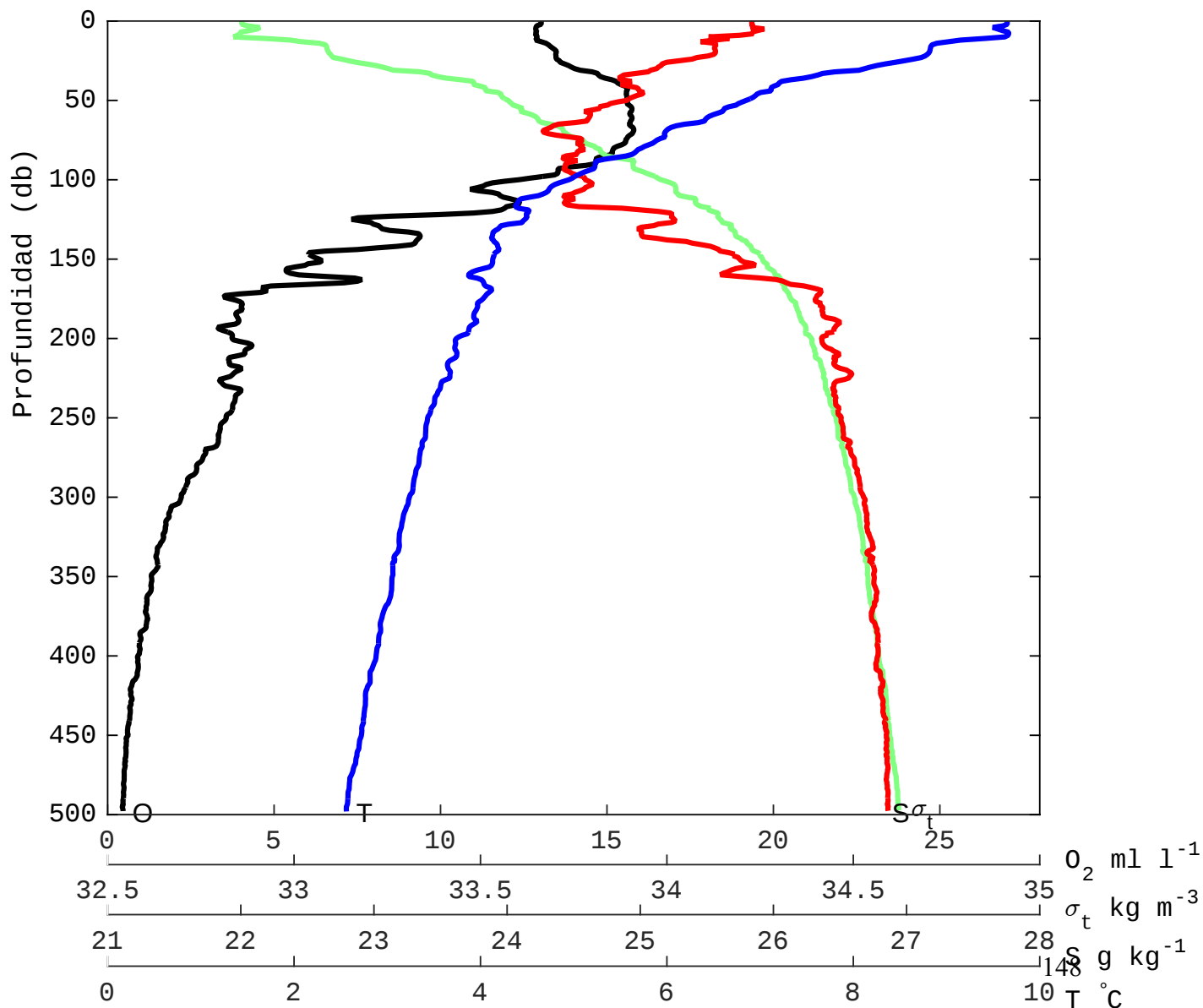
0	27.202	34.296	4.56	22.002
10	26.375	34.246	4.59	22.226
20	25.319	34.239	4.73	22.548
30	24.285	34.126	4.82	22.774
50	19.621	33.898	5.58	23.898
75	16.142	33.716	5.58	24.606
100	13.409	33.804	4.42	25.260
125	12.375	34.001	2.99	25.616
150	11.946	34.265	2.07	25.901
200	11.094	34.520	1.10	26.255
250	10.306	34.613	0.68	26.466
300	09.601	34.626	0.43	26.595
400	08.213	34.572	0.34	26.773
500	07.197	34.578	0.19	26.924
502	07.191	34.579	0.18	26.926



ESTACION	LANCE	LATITUD	LONGITUD	DDMMAAAA	H[GMT]	PROFTOT	PROFLAN
133.70	148	24°35.09	-115°40.33	23082014	02:25	NaN	NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

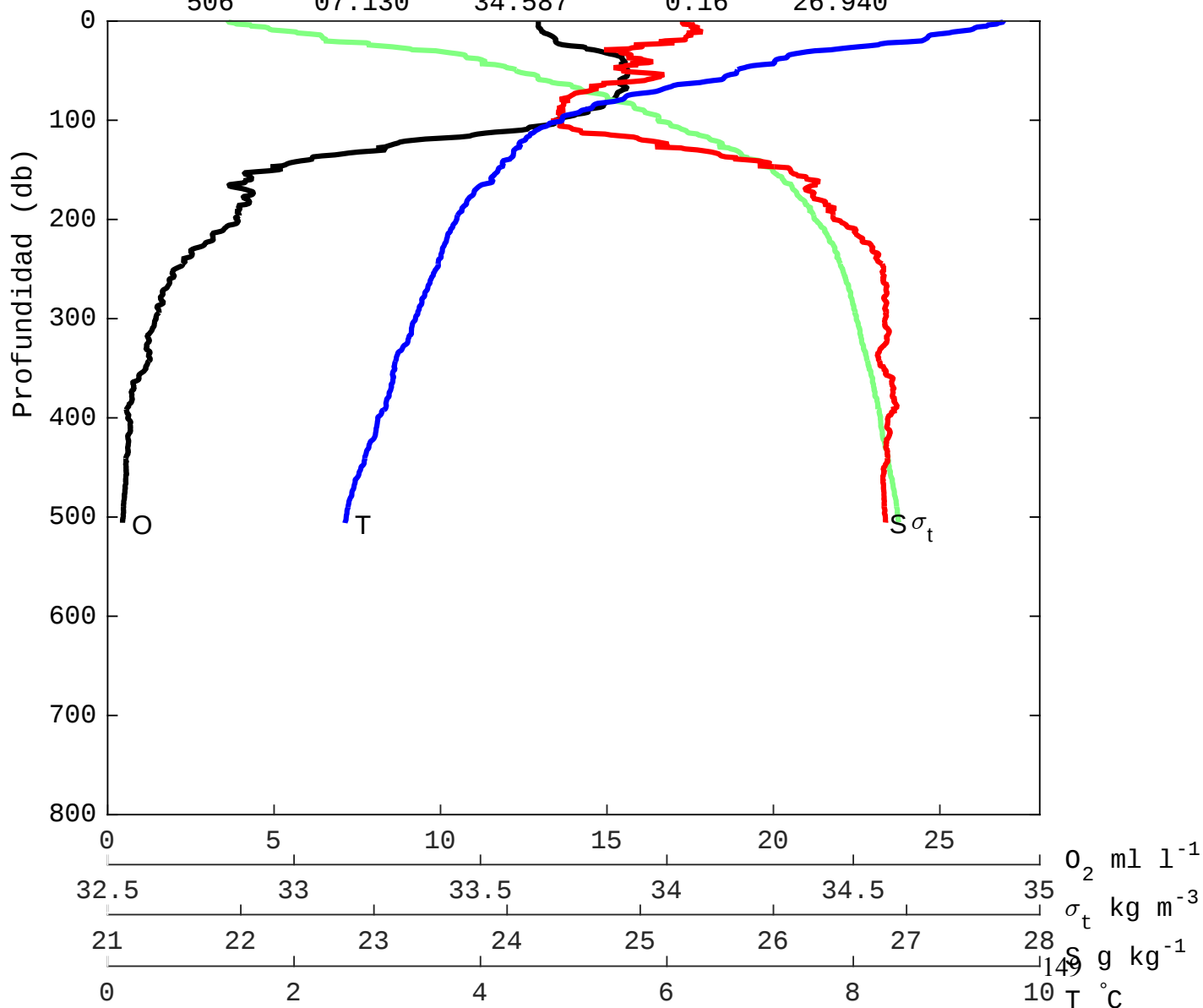
0	27.023	34.228	4.65	22.008
10	26.949	34.112	4.61	21.944
20	24.671	34.130	4.81	22.662
30	22.741	33.973	5.01	23.108
50	19.180	33.893	5.58	24.008
75	16.503	33.774	5.56	24.567
100	13.855	33.780	4.41	25.150
125	12.533	34.019	2.62	25.599
150	11.570	34.195	2.27	25.917
200	10.476	34.415	1.33	26.284
250	09.613	34.468	1.27	26.471
300	09.064	34.527	0.79	26.606
400	08.064	34.566	0.33	26.791
498	07.173	34.593	0.17	26.940



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 133.65 149 24°45.34 -115°21.25 23082014 05:48 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

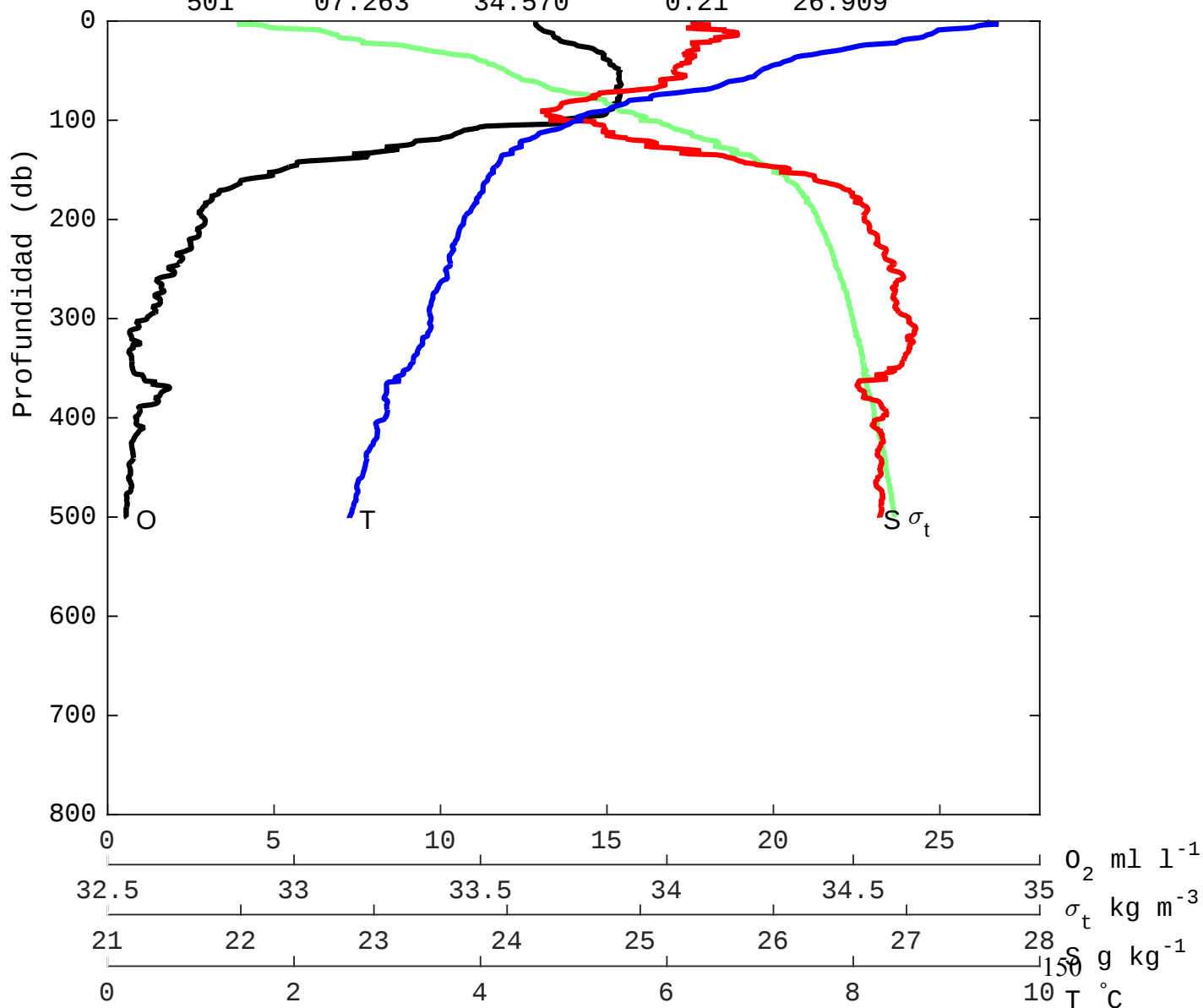
0	26.908	34.042	4.62	21.905
10	25.652	34.088	4.64	22.332
20	24.456	33.995	4.80	22.625
30	21.242	33.892	5.26	23.463
50	18.920	33.879	5.58	24.063
75	15.619	33.744	5.46	24.745
100	13.661	33.705	4.81	25.132
125	12.364	34.000	3.04	25.617
150	11.729	34.331	1.84	25.993
200	10.488	34.445	1.39	26.305
250	09.868	34.580	0.72	26.515
300	09.247	34.586	0.52	26.622
400	08.114	34.594	0.21	26.805
500	07.167	34.586	0.17	26.935
506	07.130	34.587	0.16	26.940



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 133.60 150 24°55.21 -115°02.41 23082014 09:06 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

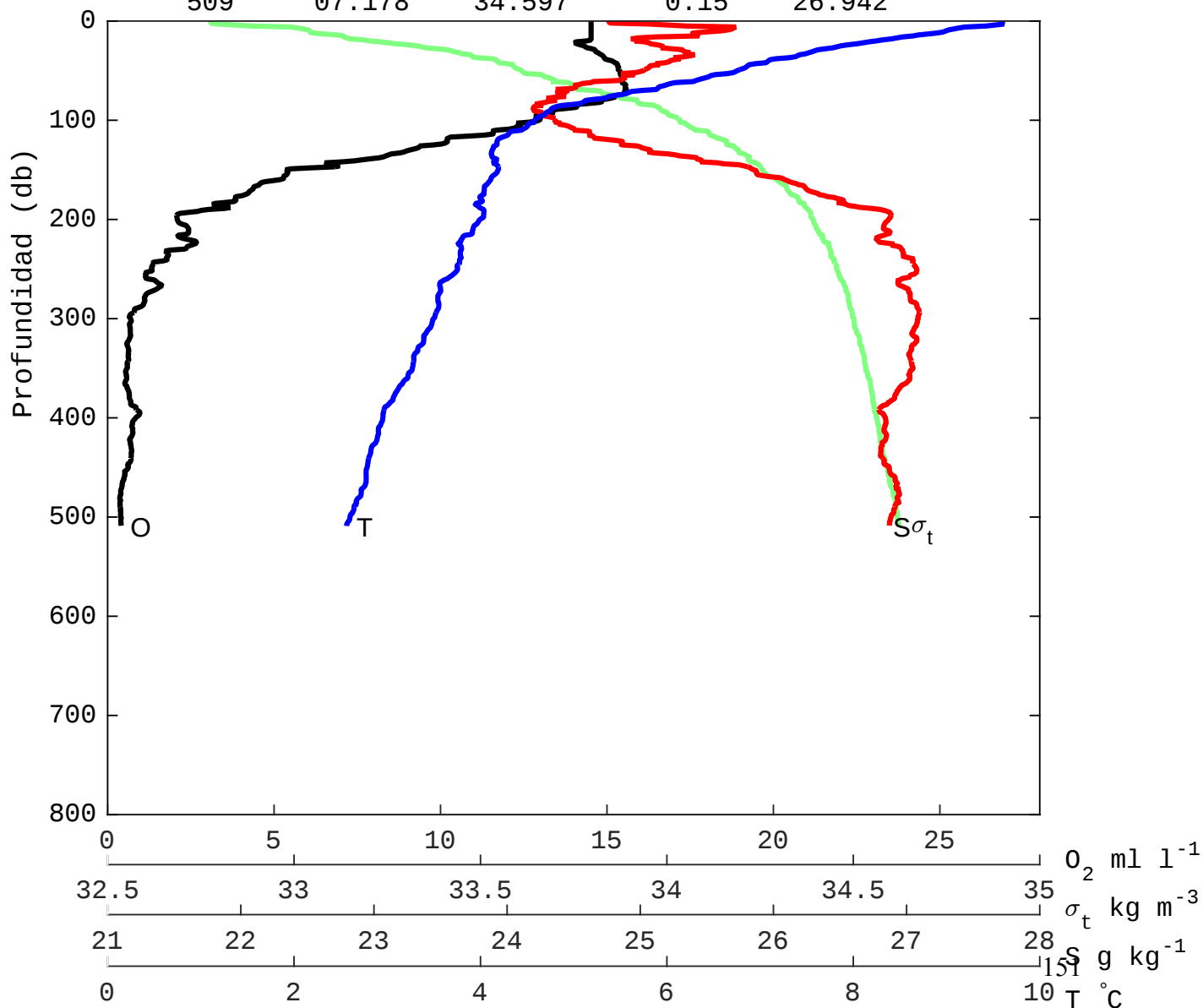
0	26.399	34.070	4.59	22.087
10	24.909	34.148	4.68	22.604
20	23.823	34.113	4.85	22.900
30	21.866	34.063	5.24	23.421
50	19.619	34.018	5.50	23.990
75	16.388	33.805	5.49	24.617
100	14.276	33.682	4.81	24.988
125	12.414	33.971	3.22	25.585
150	11.561	34.331	1.87	26.024
200	10.707	34.529	1.04	26.332
250	10.160	34.596	0.66	26.478
300	09.715	34.651	0.43	26.596
400	08.326	34.582	0.30	26.764
500	07.260	34.570	0.20	26.909
501	07.263	34.570	0.21	26.909



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 133.55 151 25°05.09 -114°43.66 23082014 12:32 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

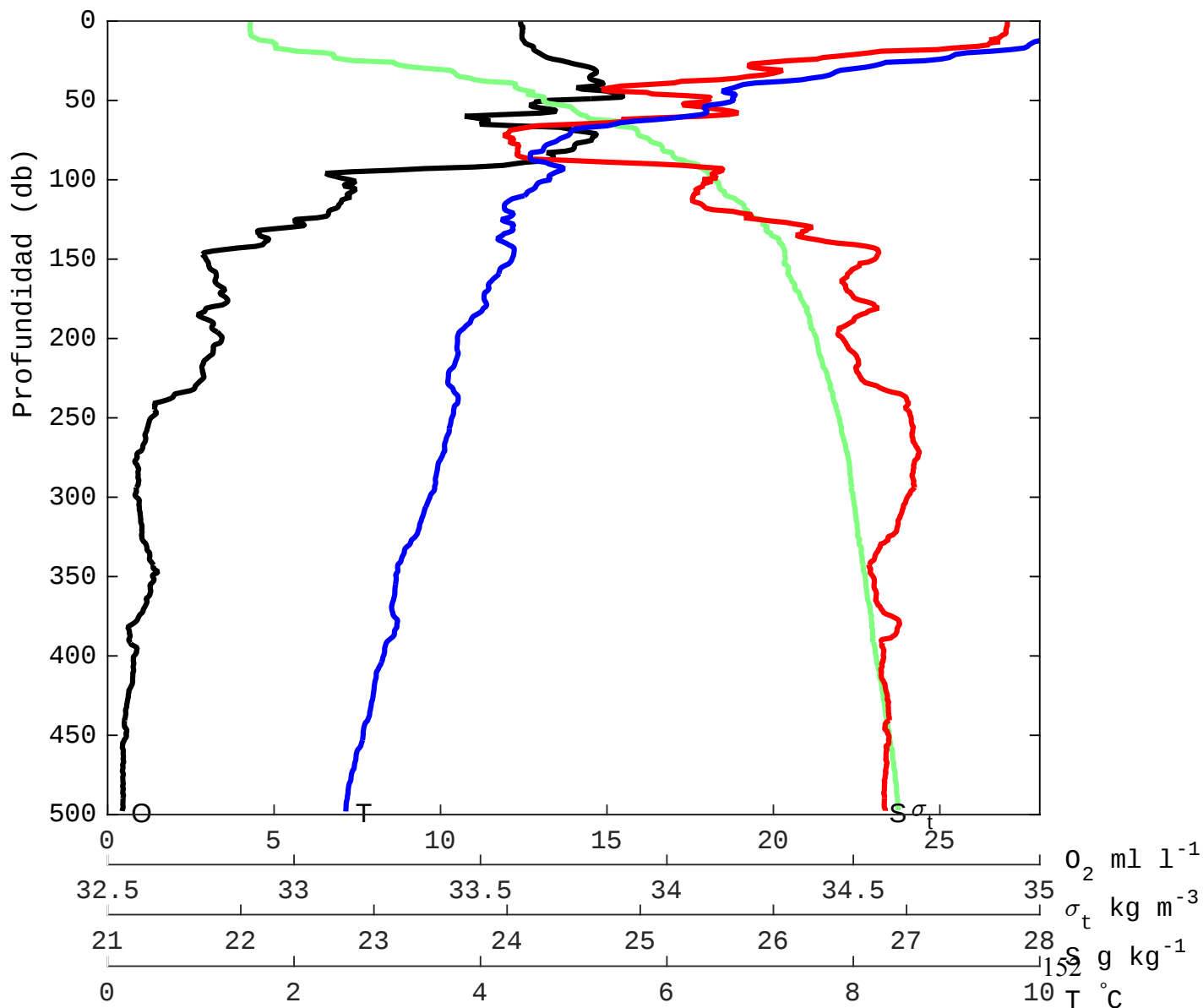
0	26.857	33.844	5.19	21.773
10	25.177	34.143	5.19	22.519
20	23.093	33.913	5.14	22.962
30	21.239	34.043	5.23	23.579
50	18.912	33.937	5.49	24.109
75	15.234	33.717	5.45	24.809
100	12.832	33.699	4.63	25.294
125	11.685	33.881	3.49	25.653
150	11.731	34.232	1.91	25.916
200	11.185	34.595	0.75	26.297
250	10.511	34.671	0.47	26.476
300	09.785	34.674	0.25	26.602
400	08.266	34.586	0.30	26.776
500	07.280	34.602	0.14	26.932
509	07.178	34.597	0.15	26.942



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 133.50 153 25°13.51 -114°25.45 23082014 17:05 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

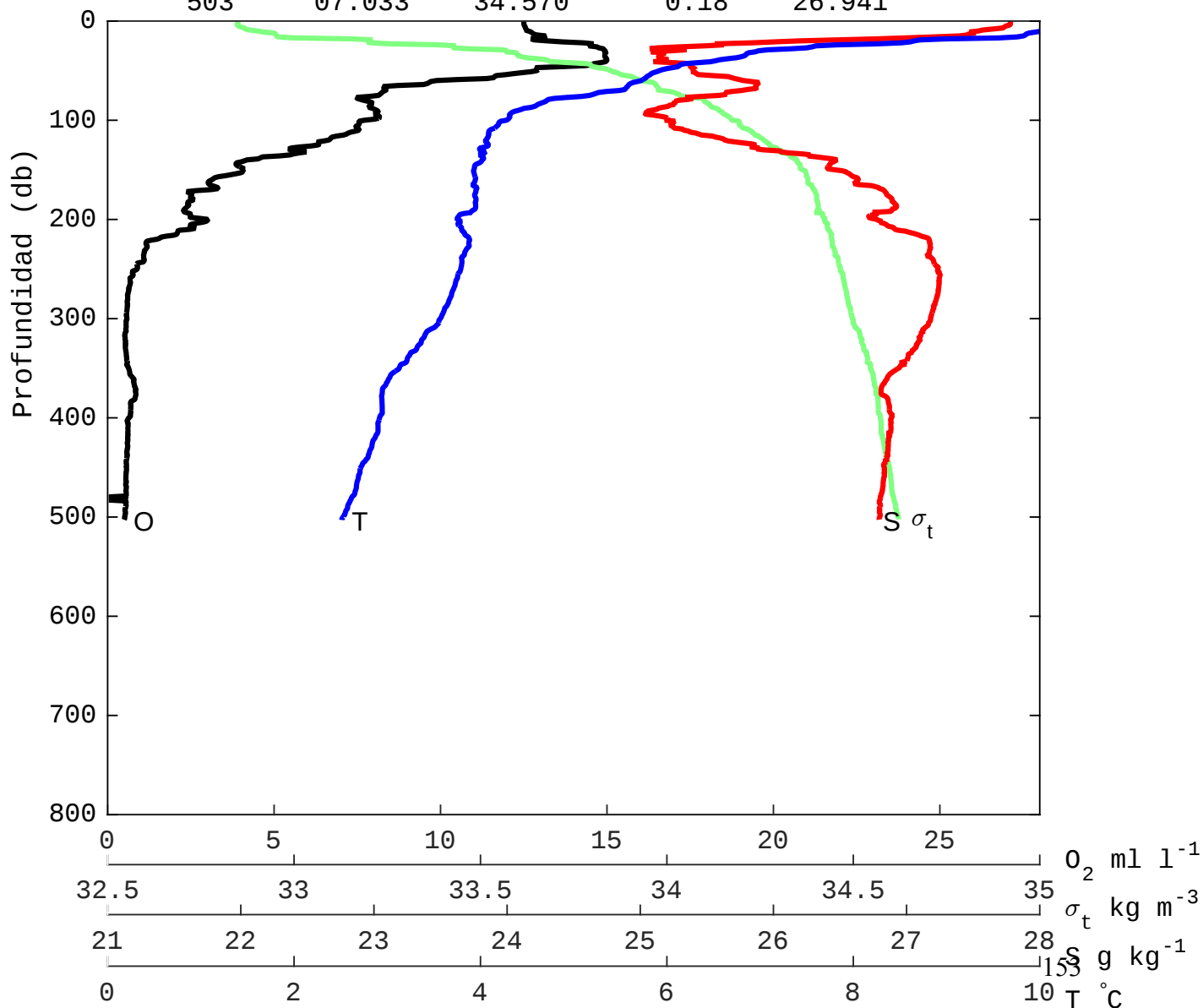
0	28.409	34.913	4.43	22.072
10	28.302	34.894	4.44	22.093
20	25.801	34.543	4.63	22.628
30	22.415	34.255	5.21	23.413
50	18.804	34.109	4.72	24.267
75	13.526	33.588	5.20	25.071
100	13.304	34.095	2.60	25.506
125	11.829	34.242	2.02	25.906
150	12.146	34.559	1.05	26.090
200	10.508	34.471	1.23	26.322
250	10.338	34.655	0.47	26.493
300	09.681	34.646	0.31	26.598
400	08.286	34.580	0.29	26.768
498	07.154	34.586	0.16	26.937



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 133.45 154 25°25.14 -114°05.61 23082014 21:28 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

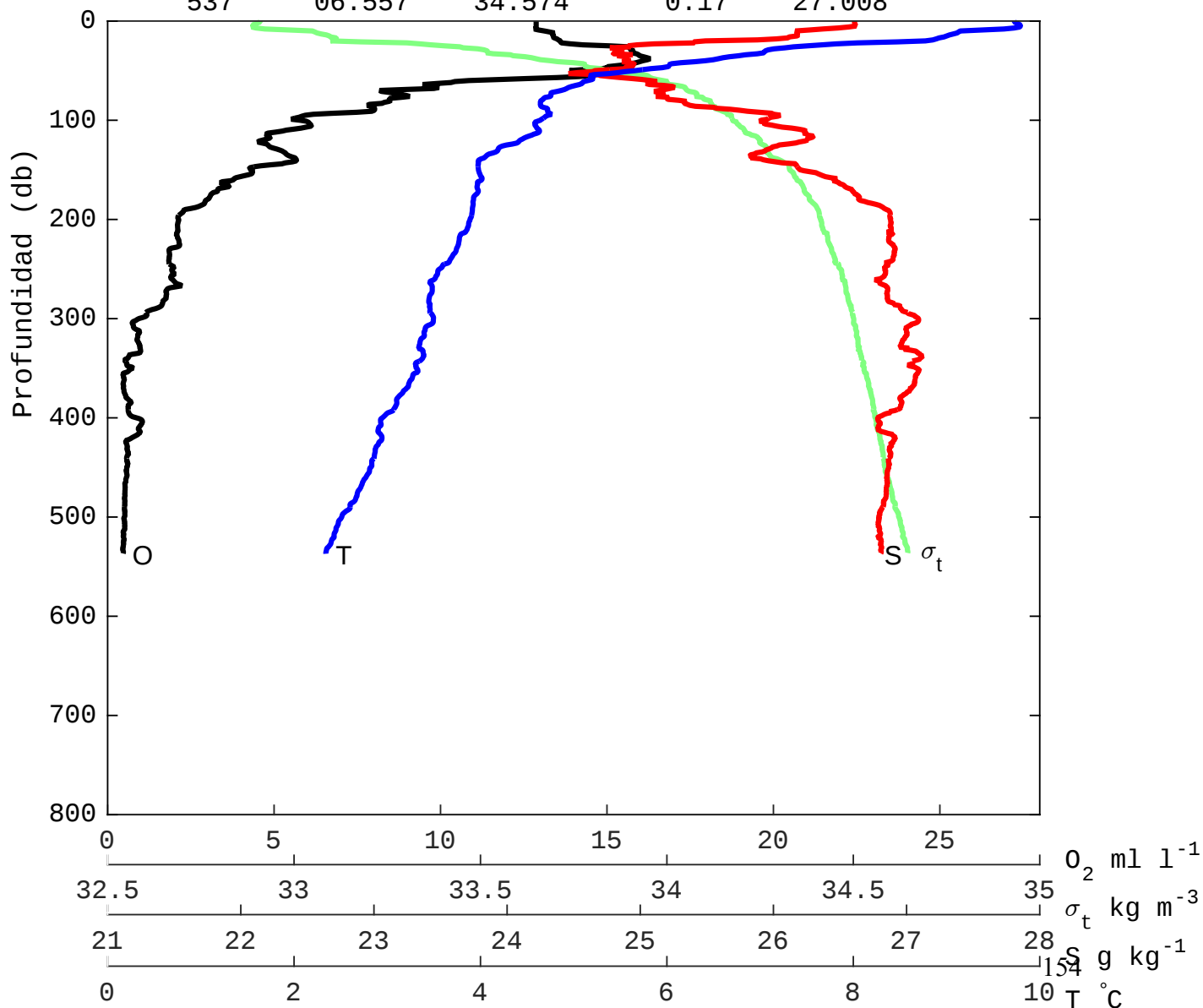
0	28.706	34.921	4.46	21.979
10	28.078	34.836	4.51	22.123
20	24.224	34.355	4.72	22.965
30	19.550	34.011	5.33	24.003
50	16.574	34.072	4.61	24.778
75	14.472	34.141	2.90	25.299
100	11.977	33.994	2.76	25.686
125	11.440	34.239	2.25	25.975
150	11.001	34.449	1.44	26.218
200	10.505	34.563	1.07	26.394
250	10.608	34.727	0.32	26.502
300	09.992	34.706	0.21	26.592
400	08.168	34.603	0.23	26.803
500	07.082	34.571	0.19	26.935
503	07.033	34.570	0.18	26.941



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 133.40 155 25°35.14 -113°46.46 24082014 01:02 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

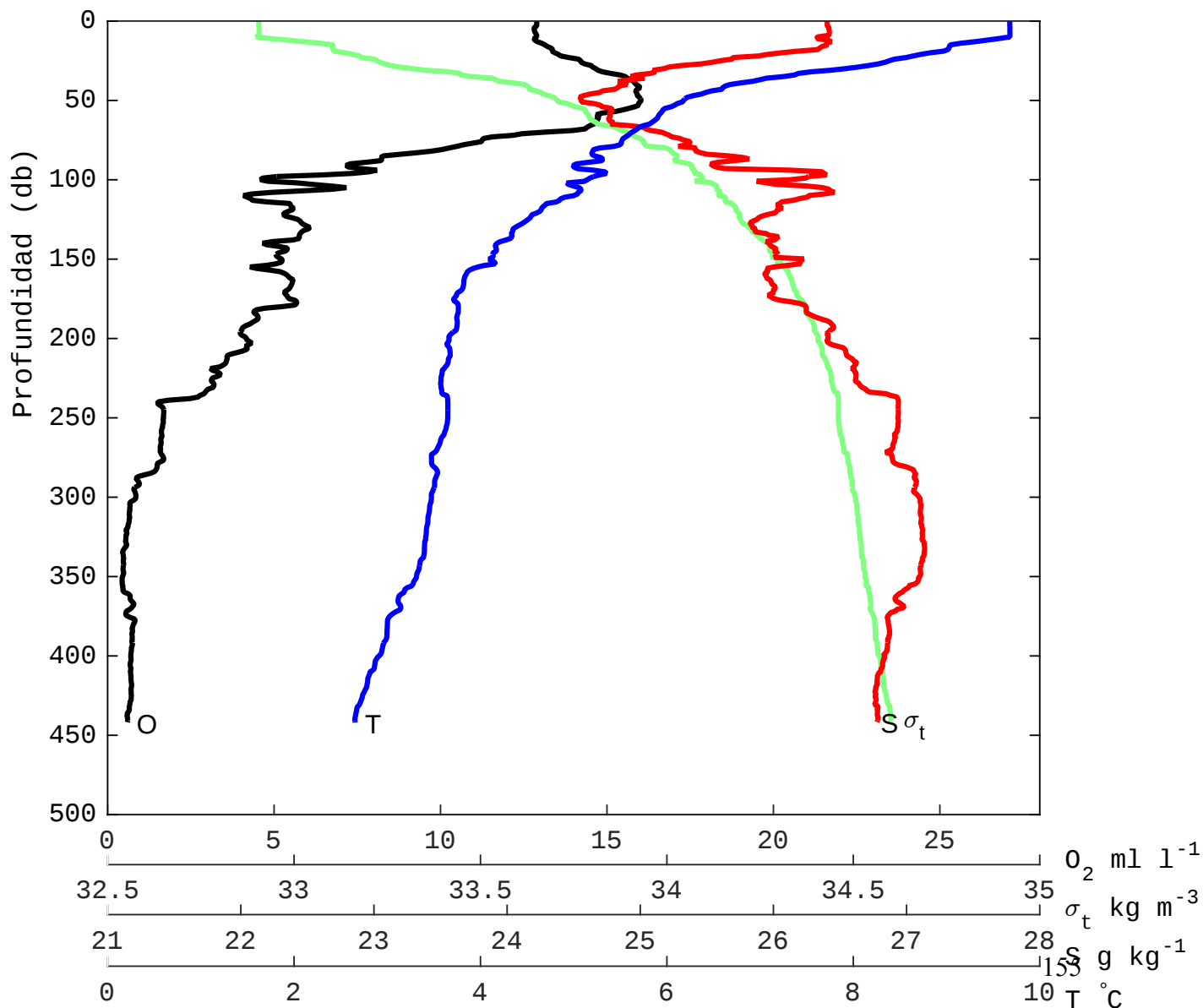
0	27.238	34.503	4.60	22.145
10	25.609	34.344	4.69	22.538
20	24.565	34.103	4.86	22.674
30	19.761	33.880	5.65	23.848
50	15.843	33.807	4.95	24.743
75	13.320	33.991	3.20	25.423
100	12.997	34.254	2.06	25.689
125	11.974	34.302	1.72	25.924
150	11.140	34.357	1.55	26.121
200	10.886	34.600	0.76	26.355
250	09.968	34.581	0.69	26.500
300	09.787	34.674	0.34	26.602
400	08.251	34.565	0.30	26.762
500	07.031	34.567	0.18	26.939
537	06.557	34.574	0.17	27.008



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 133.35 156 25°45.12 -113°27.55 24082014 04:12 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

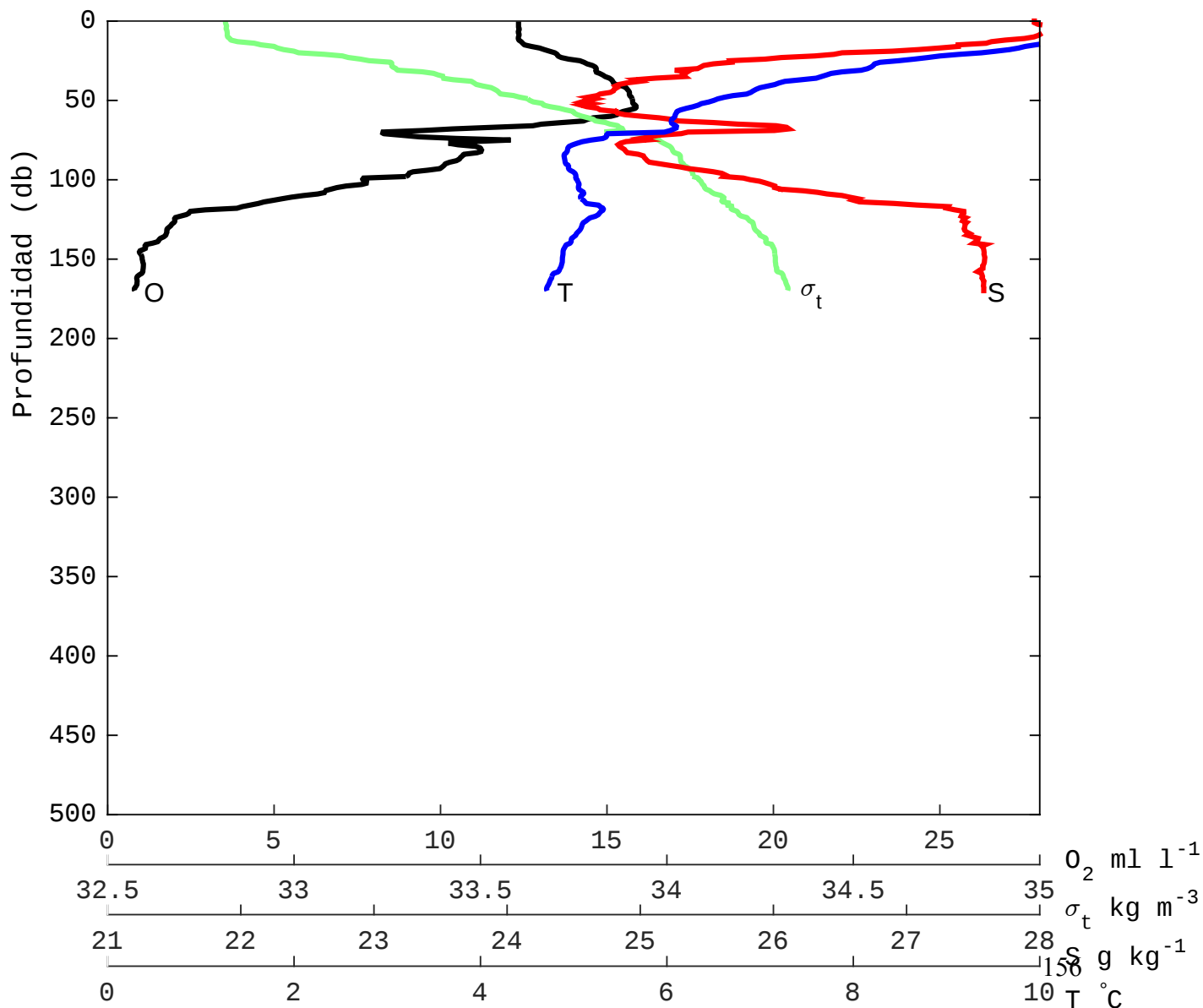
0	27.100	34.430	4.60	22.135
10	27.100	34.404	4.60	22.115
20	24.709	34.308	4.80	22.784
30	22.154	33.992	5.24	23.288
50	17.303	33.771	5.73	24.377
75	15.454	34.045	4.02	25.011
100	14.411	34.332	1.64	25.458
125	12.631	34.243	2.04	25.752
150	11.452	34.368	1.87	26.072
200	10.253	34.432	1.49	26.336
250	10.217	34.620	0.60	26.487
300	09.727	34.676	0.30	26.613
400	08.153	34.580	0.25	26.788
442	07.433	34.564	0.21	26.880



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 133.30 157 25°54.70 -113°09.29 24082014 08:39 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

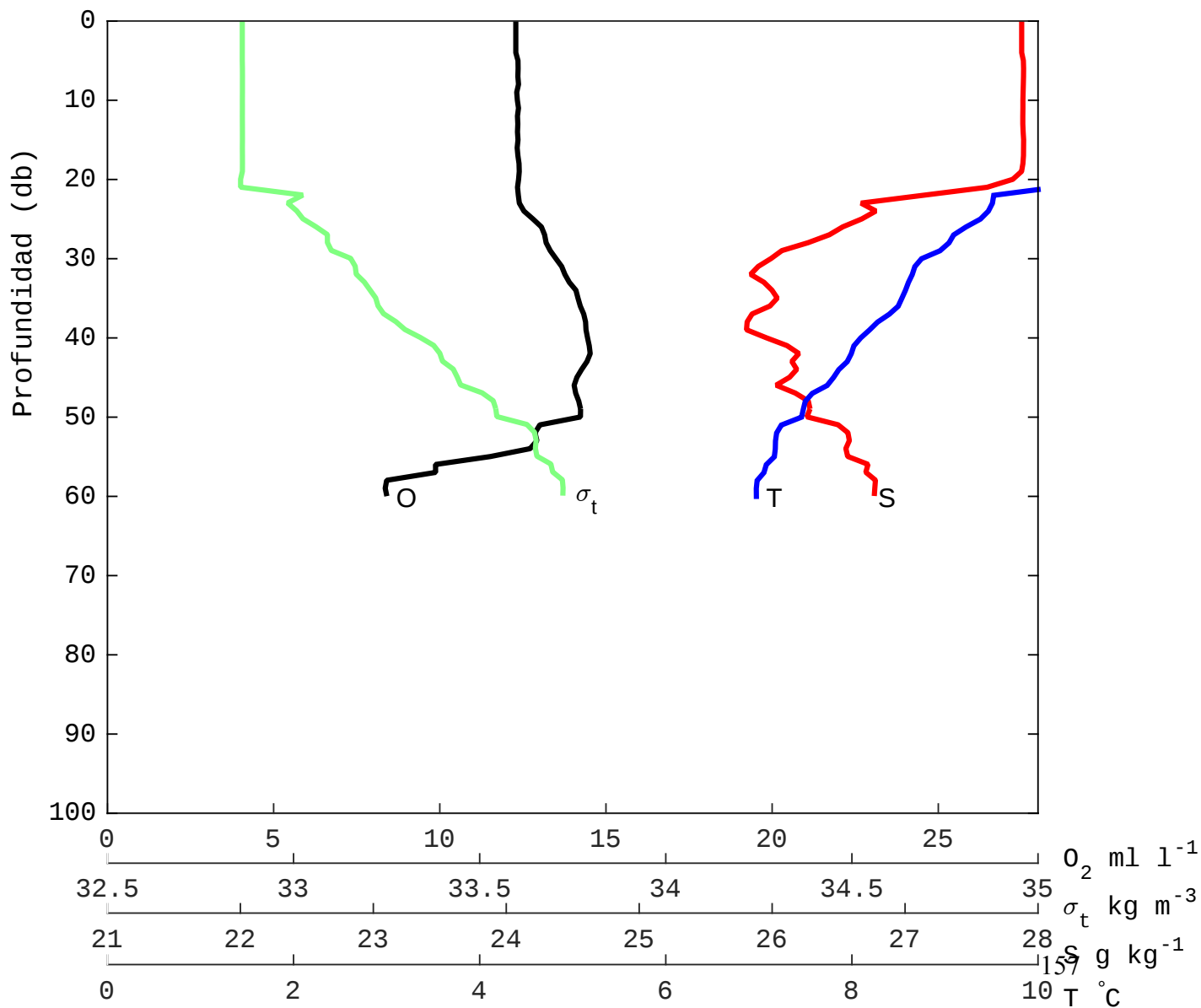
0	29.133	34.985	4.41	21.885
10	29.083	34.984	4.41	21.901
20	26.249	34.470	4.80	22.434
30	22.825	34.082	5.24	23.166
50	18.211	33.786	5.63	24.169
75	14.516	33.946	4.32	25.139
100	14.107	34.223	2.74	25.438
125	14.424	34.795	0.72	25.810
150	13.661	34.852	0.37	26.014
170	13.201	34.850	0.29	26.106



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 133.25 158 26°05.07 -112°49.01 24082014 11:10 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

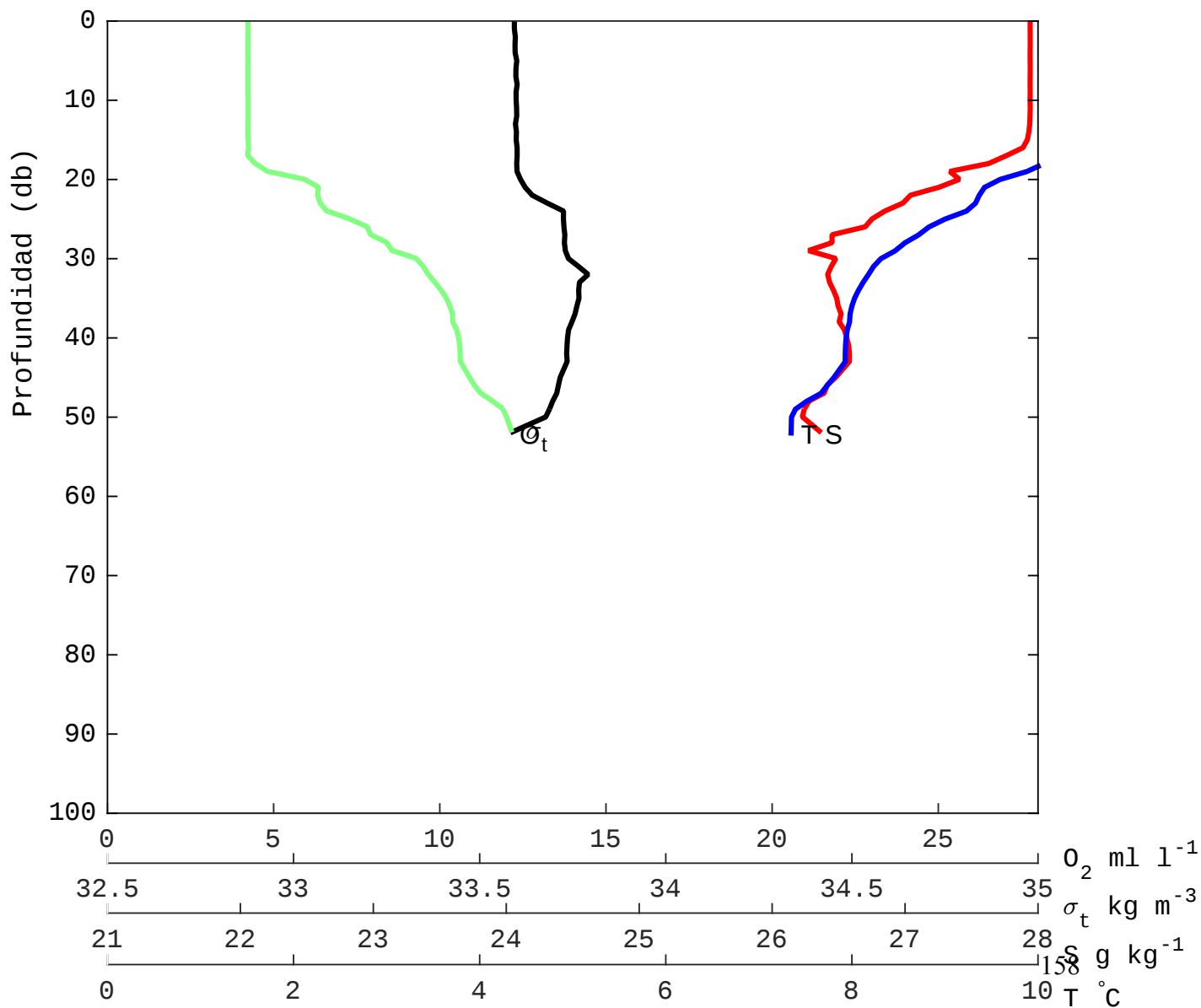
0	28.680	34.956	4.39	22.014
10	28.685	34.959	4.40	22.015
20	28.664	34.932	4.42	22.002
30	24.496	34.283	4.82	22.829
50	20.885	34.379	5.08	23.929
60	19.526	34.560	3.00	24.425



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 133.23 159 26°09.14 -112°41.23 24082014 12:54 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

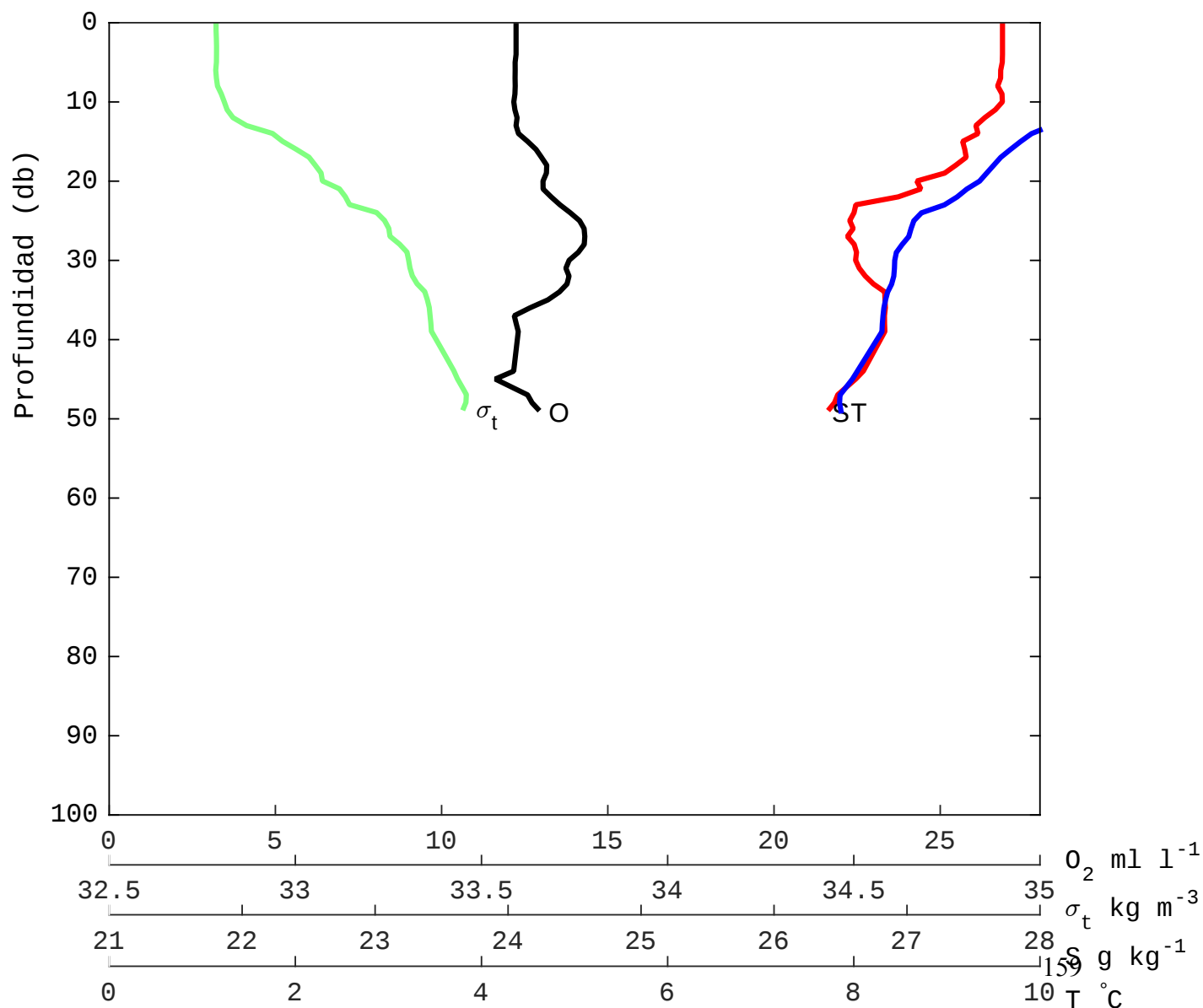
0	28.602	34.979	4.37	22.057
10	28.601	34.979	4.39	22.057
20	26.857	34.789	4.44	22.481
30	23.272	34.457	4.95	23.321
50	20.583	34.367	4.71	24.001
52	20.570	34.418	4.33	24.043



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 137.22 160 25°35.92 -112°15.86 24082014 18:23 NaN NaN

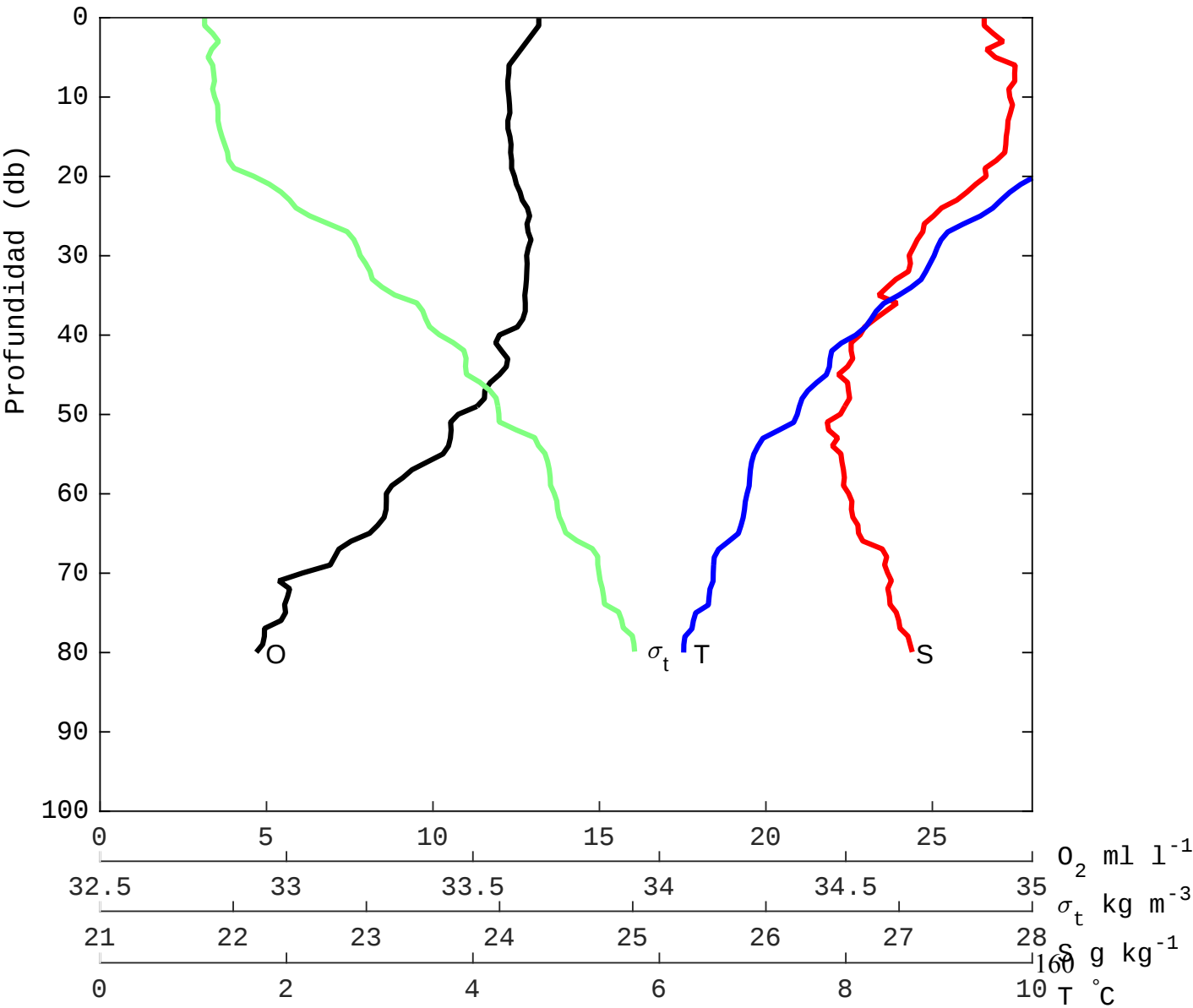
PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

0	29.184	34.899	4.37	21.804
10	28.998	34.899	4.35	21.866
20	26.183	34.669	4.66	22.604
30	23.631	34.505	4.94	23.252
49	22.013	34.431	4.62	23.659



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
137.25 161 25°29.69 -112°27.37 24082014 20:28 NaN NaN

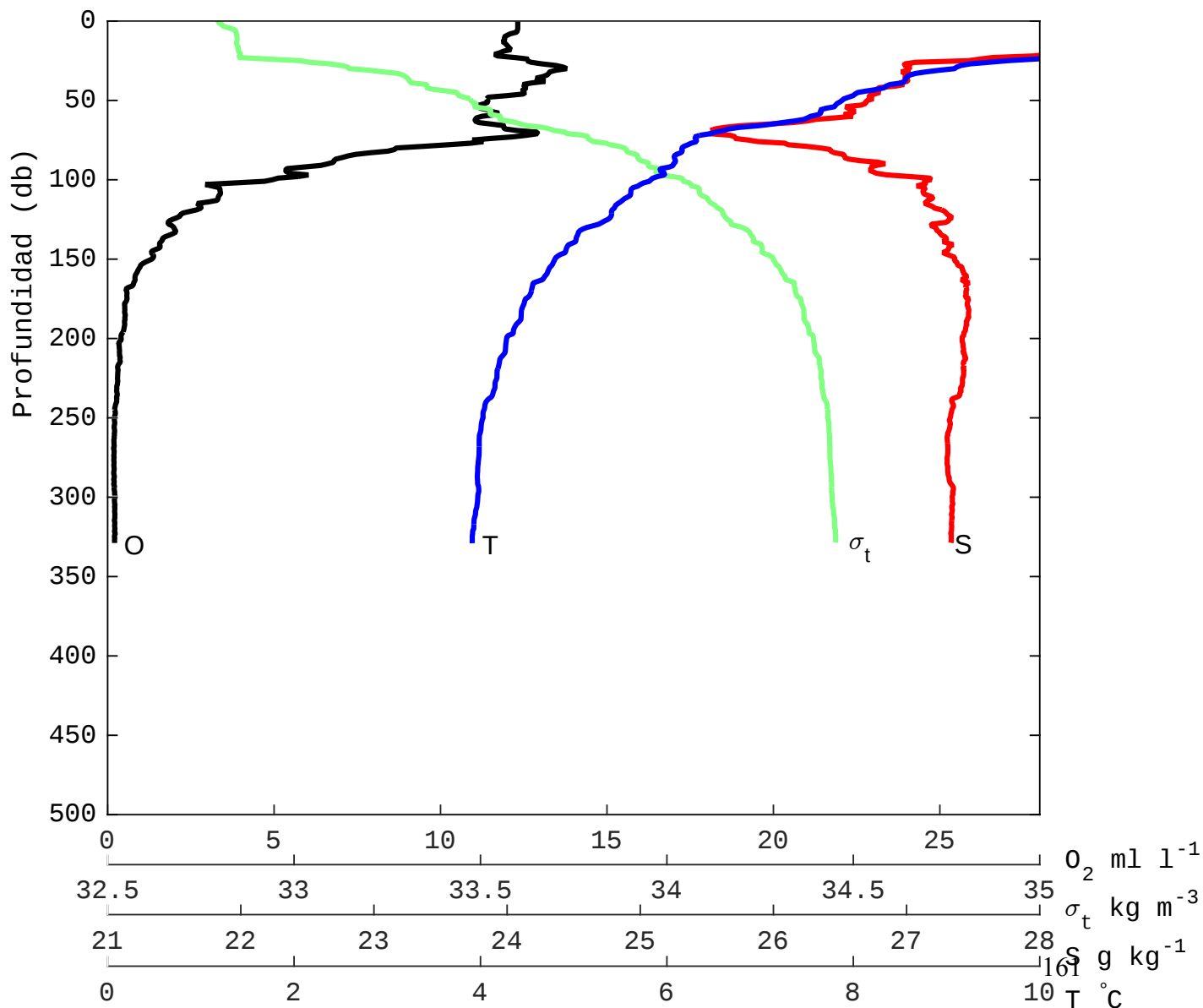
PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
0	29.176	34.871	4.71	21.785
10	29.106	34.940	4.39	21.860
20	28.081	34.876	4.45	22.152
30	25.051	34.670	4.58	22.953
50	20.941	34.486	3.84	23.995
75	17.891	34.635	1.99	24.894
80	17.531	34.678	1.68	25.014



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 137.30 162 25°19.69 -112°46.47 24082014 23:18 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

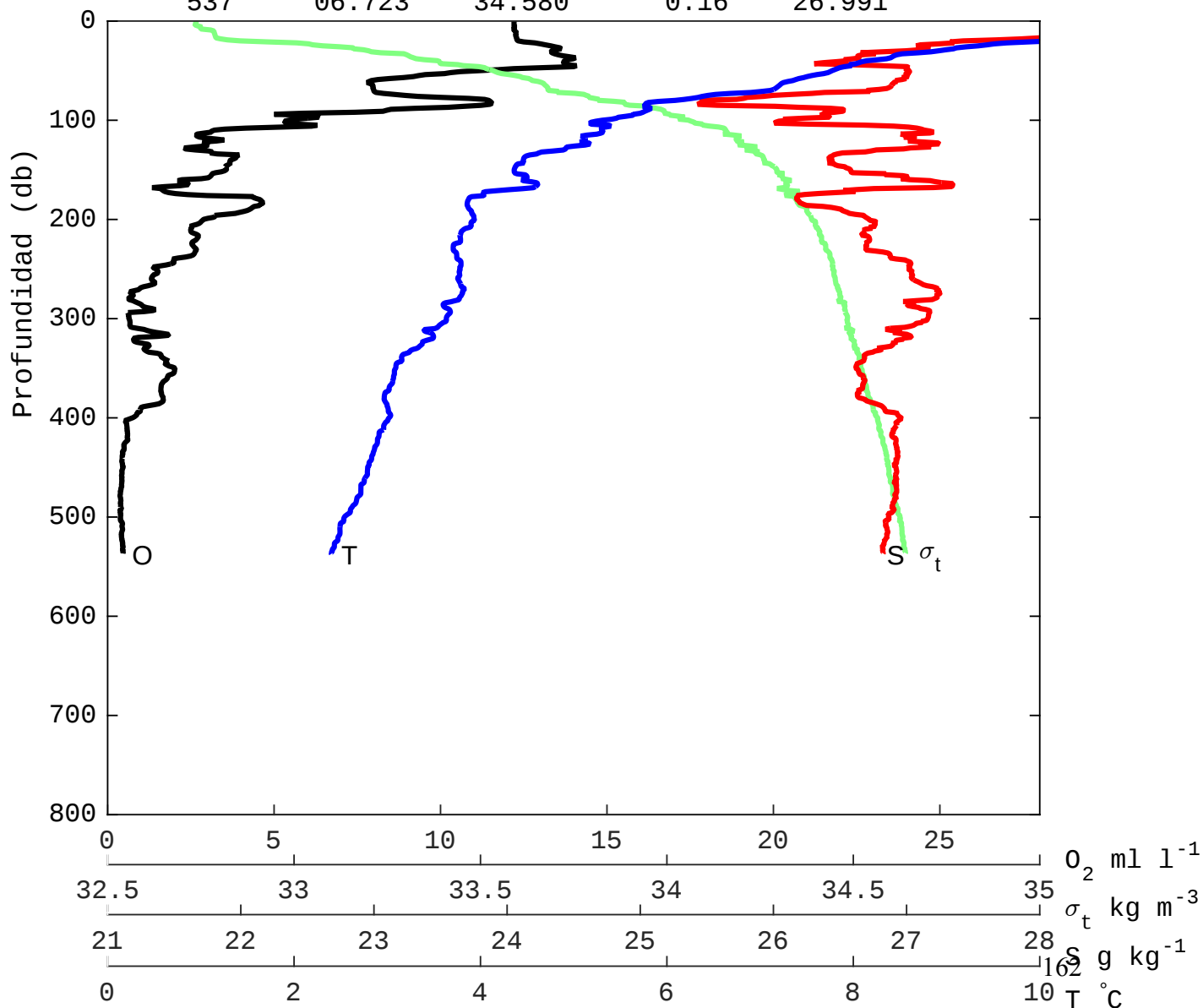
0	29.407	35.037	4.40	21.832
10	29.014	35.047	4.25	21.971
20	28.927	35.032	4.21	21.989
30	25.438	34.640	4.93	22.812
50	22.062	34.538	4.08	23.726
75	17.687	34.217	3.91	24.625
100	16.317	34.709	1.77	25.324
125	15.025	34.757	0.70	25.651
150	13.436	34.772	0.48	25.998
200	11.985	34.792	0.14	26.300
250	11.278	34.760	0.07	26.407
300	11.120	34.765	0.08	26.440
329	10.954	34.762	0.07	26.467



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 137.35 163 25°09.68 -113°05.57 27082014 23:38 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

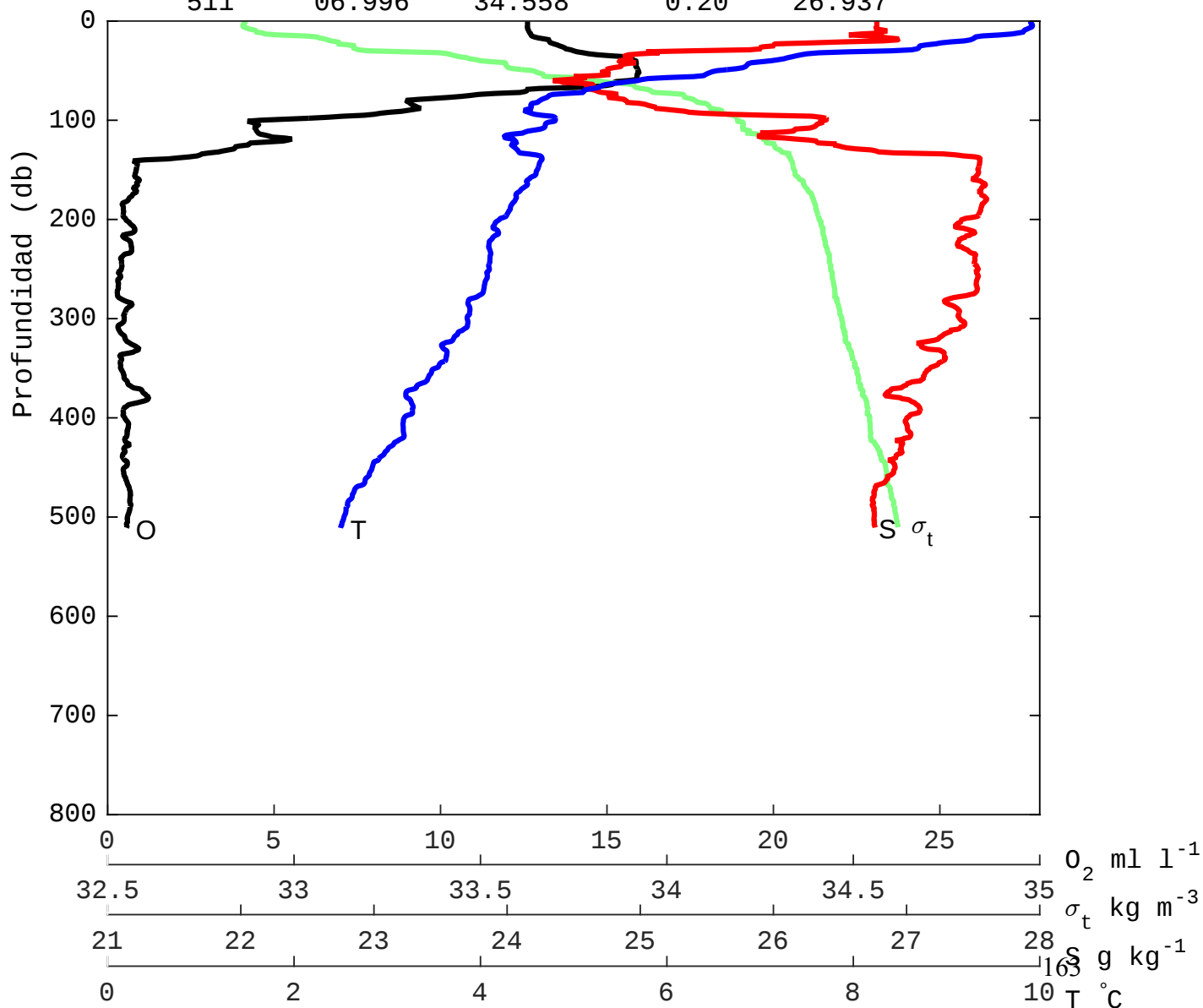
0	29.918	35.045	4.36	21.664
10	29.515	35.041	4.37	21.798
20	28.374	34.795	4.41	21.995
30	24.959	34.641	4.76	22.959
50	21.762	34.651	4.00	23.895
75	18.023	34.284	3.19	24.594
100	14.855	34.331	1.94	25.361
125	14.345	34.675	1.08	25.734
150	12.213	34.493	1.27	26.026
200	11.014	34.542	1.03	26.287
250	10.587	34.648	0.52	26.444
300	10.175	34.699	0.23	26.556
400	08.453	34.627	0.27	26.780
500	07.113	34.595	0.13	26.949
537	06.723	34.580	0.16	26.991



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 137.40 164 24°59.75 -113°24.53 28082014 03:52 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

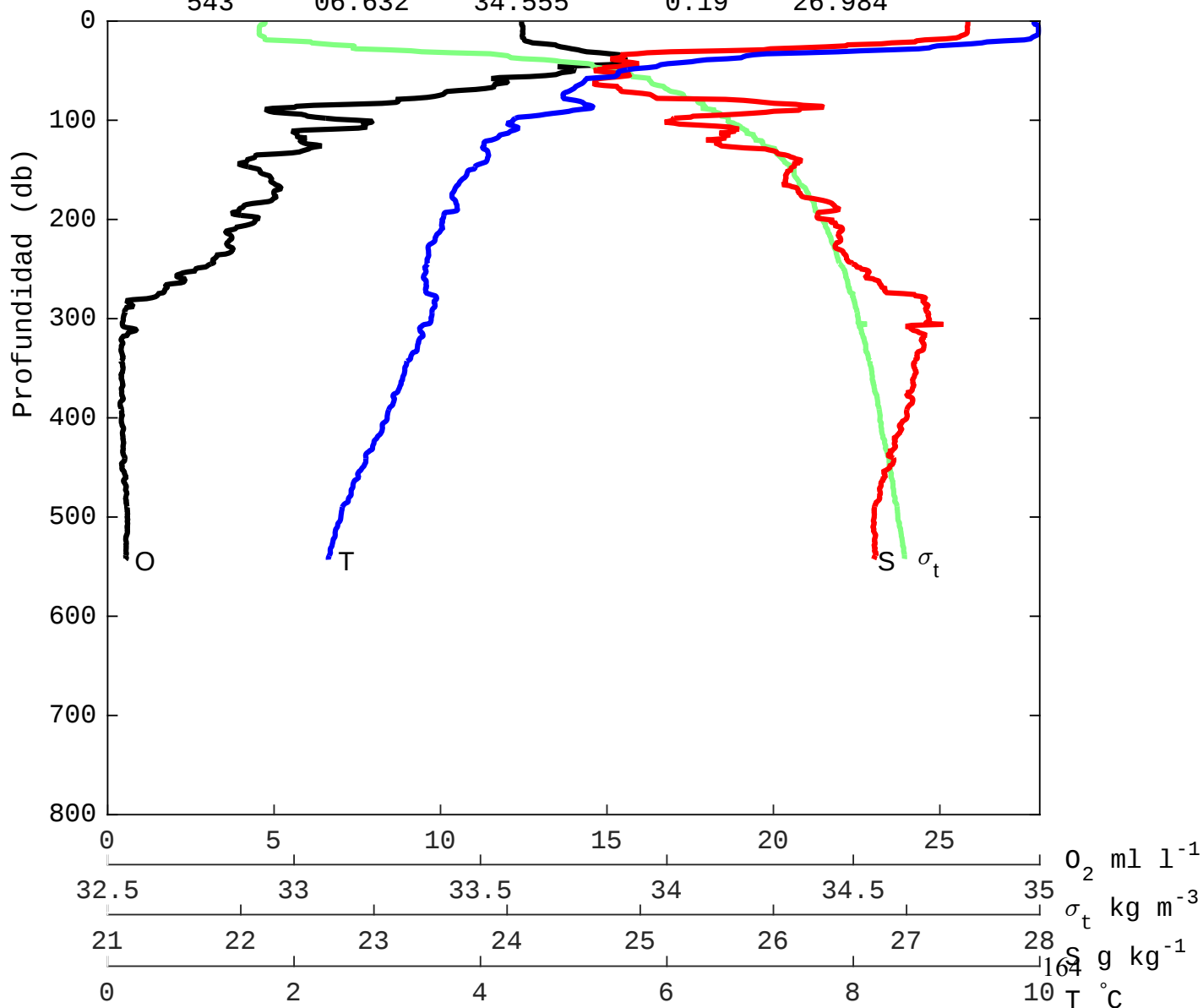
0	27.727	34.563	4.50	22.033
10	27.522	34.591	4.52	22.120
20	25.733	34.580	4.74	22.677
30	23.544	34.070	5.00	22.950
50	18.306	33.847	5.69	24.192
75	13.266	33.860	3.89	25.333
100	13.453	34.427	1.64	25.730
125	12.134	34.447	1.51	26.006
150	12.906	34.834	0.31	26.154
200	11.770	34.794	0.19	26.343
250	11.466	34.835	0.15	26.431
300	10.801	34.785	0.18	26.512
400	08.910	34.644	0.18	26.721
500	07.100	34.556	0.21	26.921
511	06.996	34.558	0.20	26.937



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 137.45 165 24°49.81 -113°43.24 28082014 07:58 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

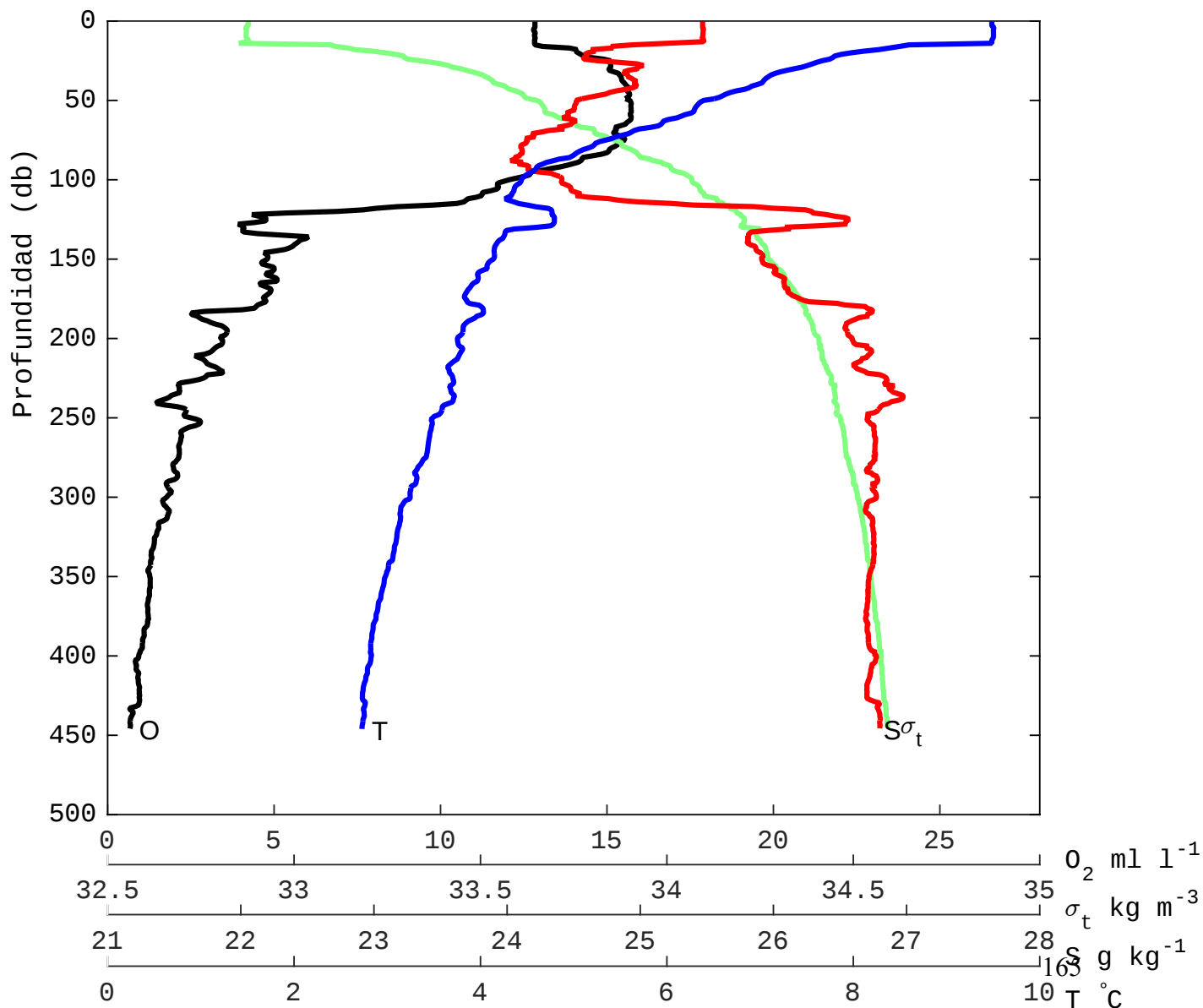
0	27.831	34.807	4.44	22.182
10	27.961	34.806	4.45	22.138
20	26.914	34.668	4.48	22.372
30	22.610	34.148	5.09	23.277
50	15.458	33.805	5.01	24.827
75	13.681	33.960	3.56	25.325
100	12.176	34.016	2.67	25.666
125	11.309	34.142	2.24	25.924
150	10.871	34.335	1.64	26.153
200	10.051	34.426	1.59	26.365
250	09.554	34.519	0.94	26.521
300	09.716	34.702	0.17	26.636
400	08.397	34.644	0.15	26.801
500	07.006	34.556	0.21	26.934
543	06.632	34.555	0.19	26.984



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 137.50 166 24°39.68 -114°02.45 28082014 11:53 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

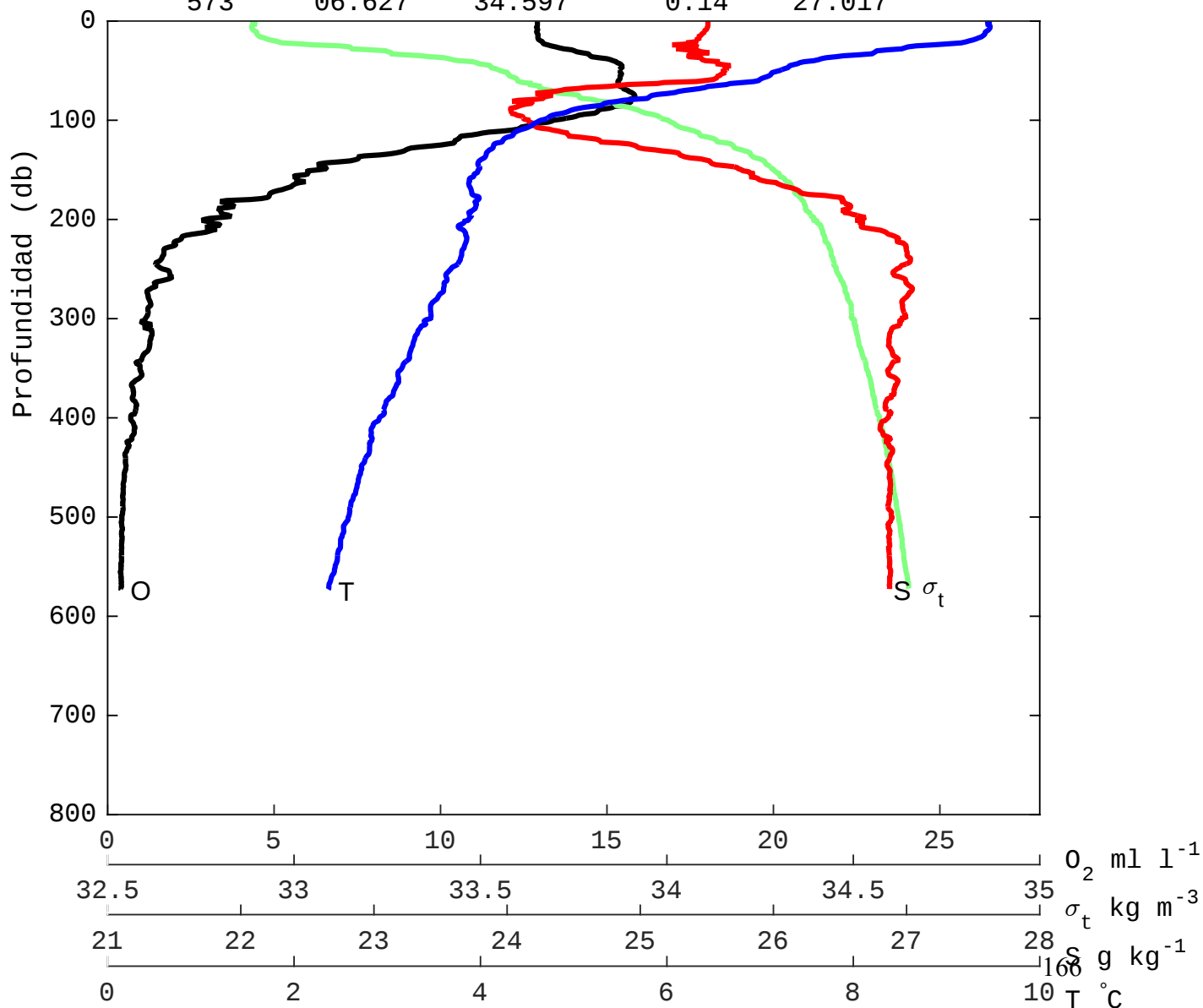
0	26.560	34.096	4.58	22.056
10	26.609	34.096	4.59	22.040
20	22.334	33.788	5.05	23.083
30	20.639	33.924	5.38	23.650
50	17.903	33.756	5.60	24.222
75	14.963	33.627	5.55	24.799
100	12.428	33.718	4.31	25.387
125	13.416	34.489	1.70	25.785
150	11.586	34.252	1.71	25.958
200	10.508	34.497	1.22	26.342
250	09.764	34.539	0.89	26.502
300	09.087	34.562	0.64	26.630
400	07.922	34.561	0.33	26.808
446	07.640	34.571	0.24	26.856



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 137.55 168 24°27.53 -114°20.74 28082014 18:17 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

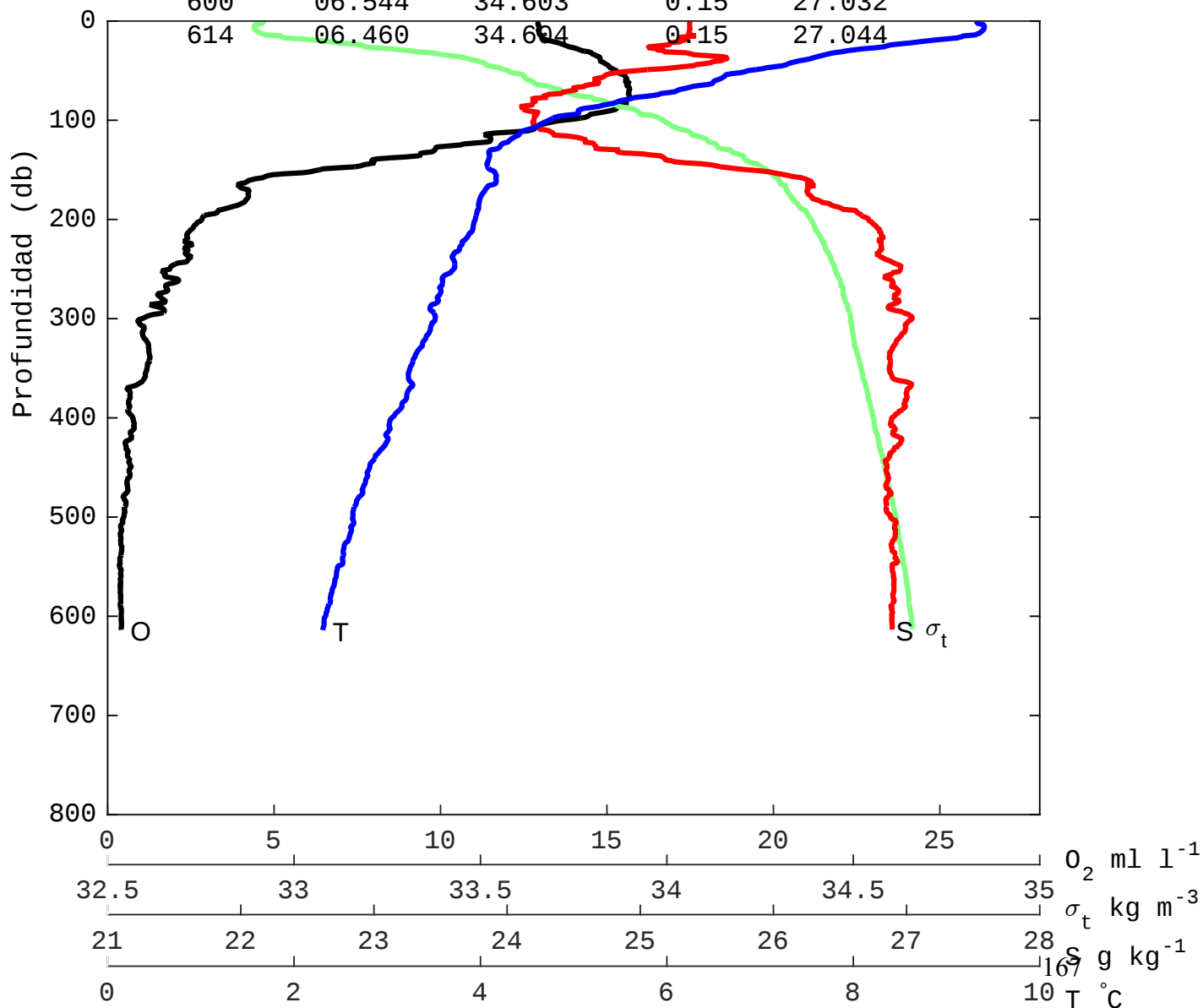
0	26.491	34.110	4.61	22.088
10	26.415	34.099	4.60	22.104
20	25.879	34.082	4.65	22.258
30	23.105	34.084	5.01	23.087
50	20.178	34.155	5.50	23.948
75	16.345	33.693	5.65	24.542
100	13.007	33.632	4.78	25.208
125	11.597	33.909	3.58	25.691
150	11.132	34.200	2.27	26.001
200	10.852	34.521	1.04	26.300
250	10.312	34.617	0.59	26.469
300	09.692	34.626	0.41	26.580
400	08.164	34.594	0.25	26.798
500	07.229	34.604	0.15	26.940
573	06.627	34.597	0.14	27.017



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 137.60 169 24°19.85 -114°40.43 28082014 22:36 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

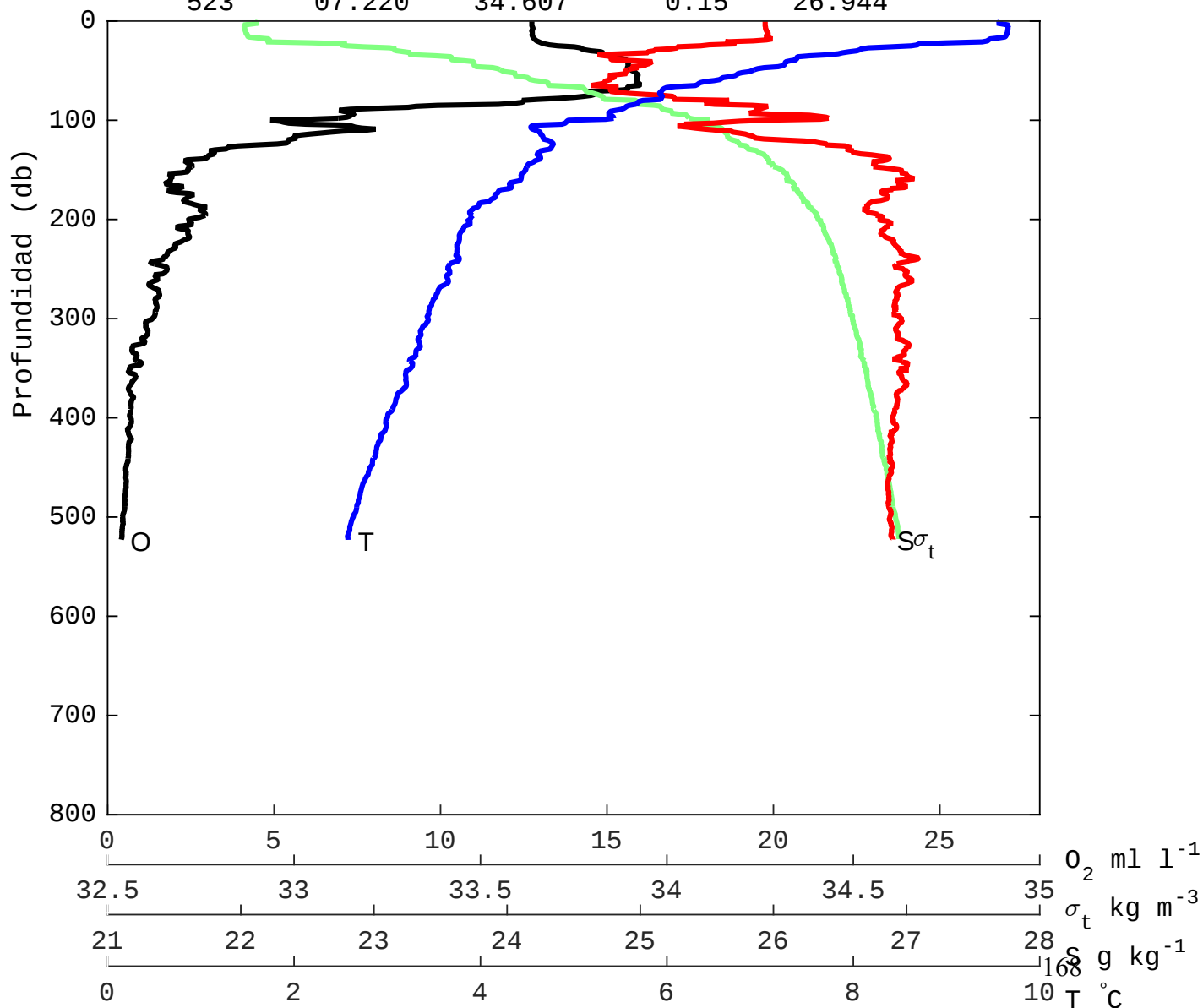
0	26.111	34.061	4.62	22.170
10	26.275	34.060	4.62	22.118
20	24.617	34.040	4.75	22.610
30	22.201	33.994	5.09	23.276
50	19.230	33.920	5.46	24.015
75	16.398	33.676	5.60	24.516
100	13.249	33.647	4.89	25.171
125	11.818	33.805	3.78	25.570
150	11.507	34.214	2.27	25.943
200	11.041	34.541	1.01	26.281
250	10.391	34.629	0.68	26.464
300	09.838	34.658	0.37	26.581
400	08.538	34.604	0.27	26.748
500	07.364	34.599	0.17	26.918
600	06.544	34.603	0.15	27.032
614	06.460	34.604	0.15	27.044



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 140.60 170 23°45.29 -114°18.68 29082014 04:05 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

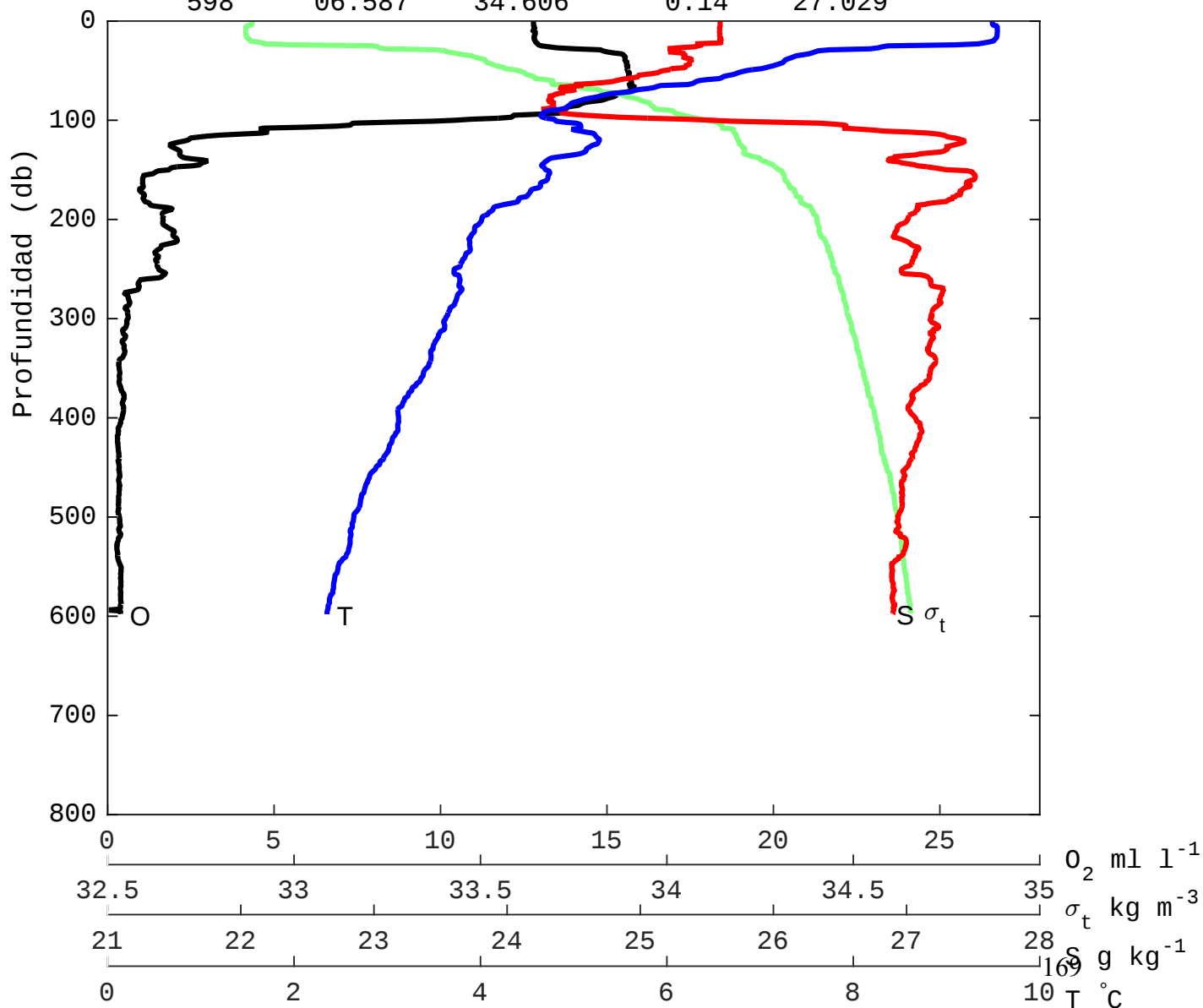
0	26.807	34.264	4.55	22.103
10	27.034	34.267	4.55	22.033
20	26.429	34.232	4.60	22.199
30	22.504	33.967	5.19	23.170
50	19.358	33.891	5.62	23.961
75	16.665	33.989	5.19	24.694
100	13.838	34.262	1.74	25.525
125	13.391	34.426	1.60	25.742
150	12.558	34.622	0.86	26.059
200	10.884	34.568	0.87	26.330
250	10.224	34.634	0.64	26.497
300	09.626	34.627	0.48	26.593
400	08.396	34.605	0.24	26.771
500	07.379	34.598	0.16	26.915
523	07.220	34.607	0.15	26.944



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 140.55 171 23°55.48 -113°59.98 29082014 07:03 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

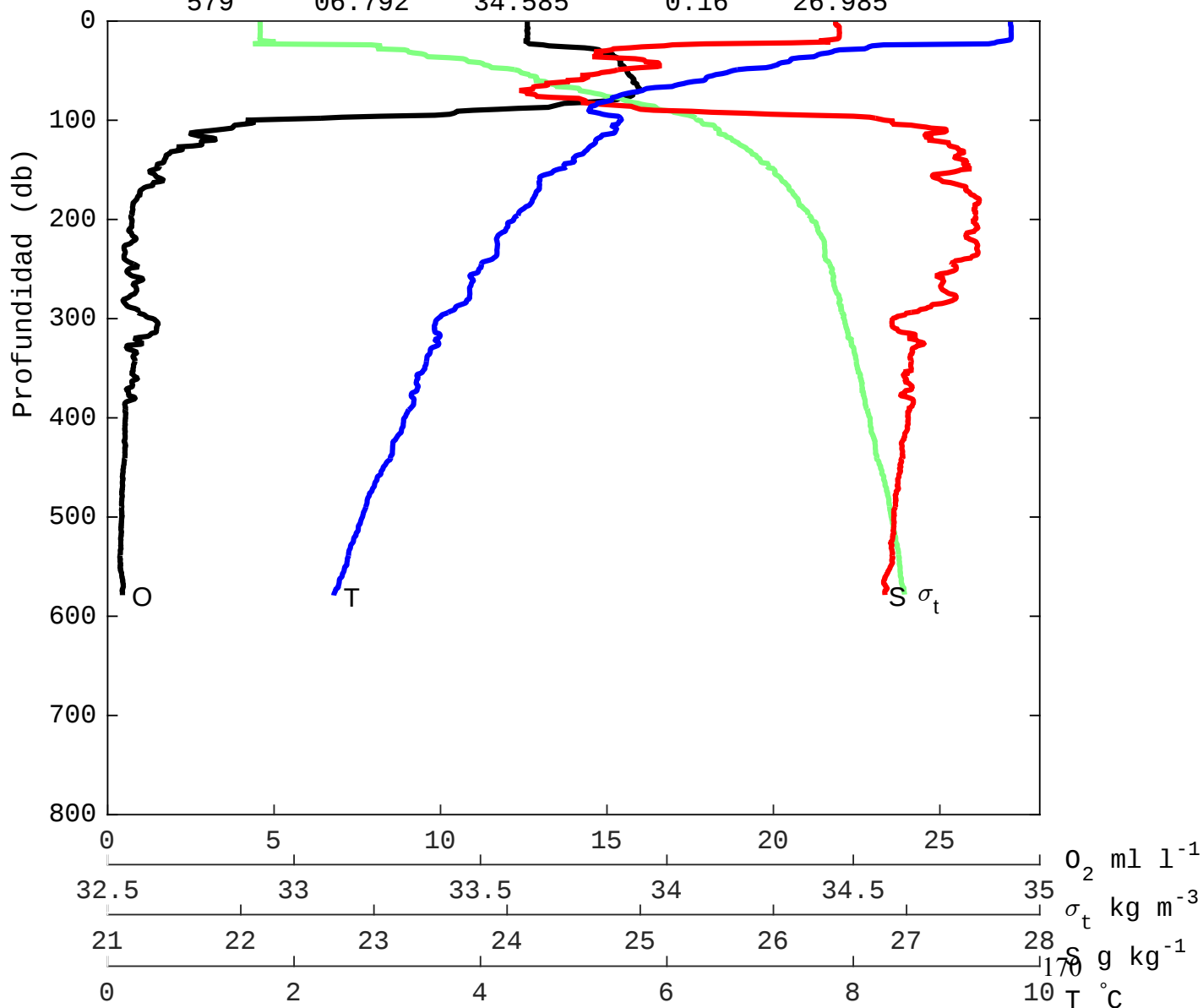
0	26.576	34.143	4.57	22.086
10	26.727	34.141	4.56	22.037
20	26.616	34.137	4.59	22.069
30	21.344	34.024	5.31	23.536
50	19.183	33.992	5.57	24.082
75	14.859	33.697	5.46	24.875
100	13.451	34.115	3.74	25.491
125	14.585	34.770	0.66	25.757
150	13.158	34.749	0.66	26.037
200	11.235	34.647	0.59	26.328
250	10.410	34.629	0.54	26.461
300	10.155	34.705	0.22	26.563
400	08.739	34.666	0.15	26.765
500	07.397	34.619	0.13	26.929
598	06.587	34.606	0.14	27.029



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 140.50 172 24°05.45 -113°40.94 29082014 10:30 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

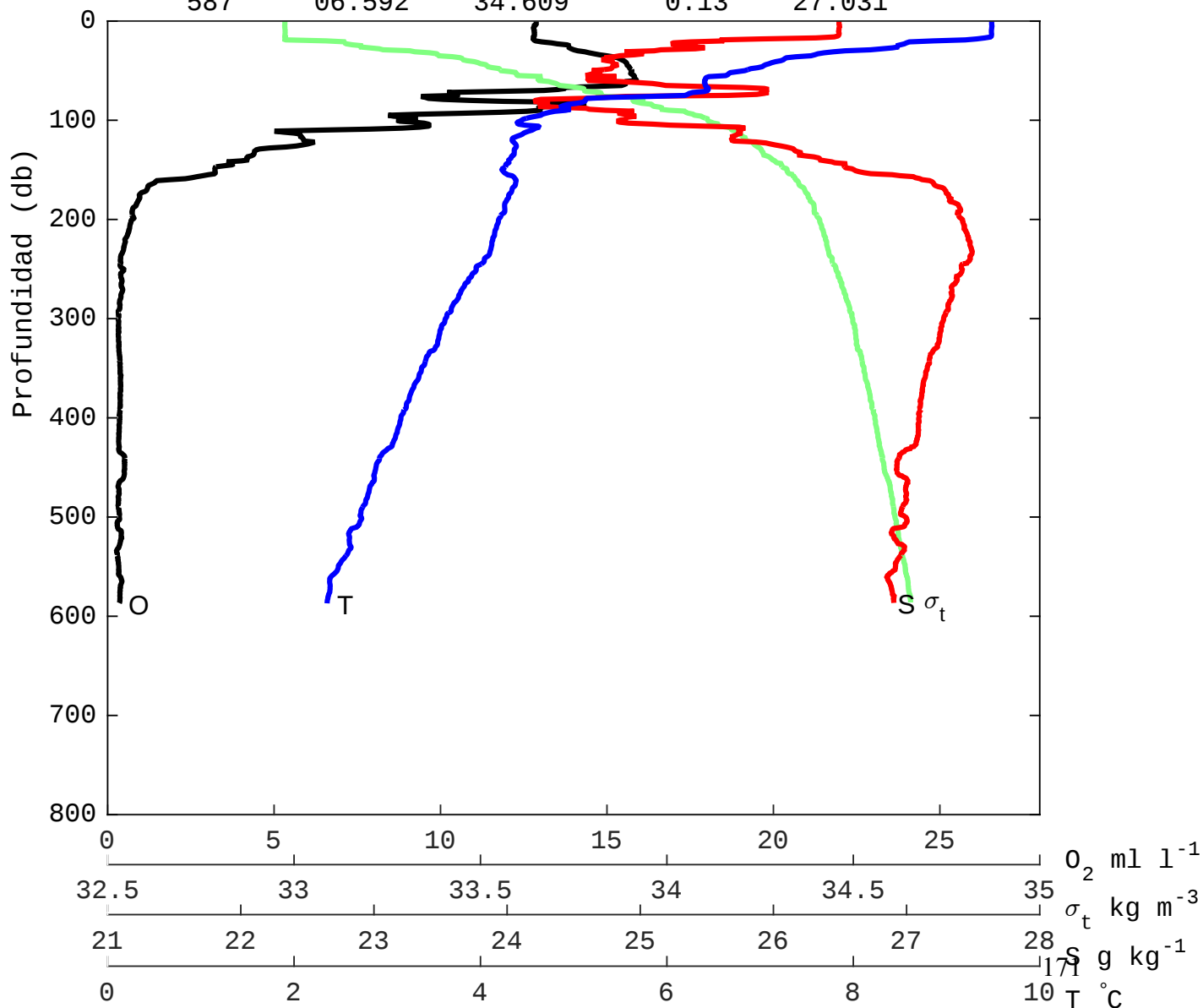
0	27.120	34.453	4.50	22.145
10	27.140	34.462	4.50	22.146
20	26.937	34.408	4.47	22.170
30	21.835	33.837	5.28	23.259
50	18.773	33.861	5.59	24.086
75	15.378	33.650	5.63	24.726
100	15.429	34.584	1.48	25.430
125	14.567	34.756	1.01	25.750
150	13.479	34.789	0.49	26.003
200	12.200	34.828	0.26	26.287
250	11.155	34.777	0.23	26.443
300	09.923	34.605	0.48	26.526
400	08.914	34.647	0.19	26.723
500	07.654	34.608	0.16	26.883
579	06.792	34.585	0.16	26.985



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 140.45 173 24°15.48 -113°22.12 29082014 15:03 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

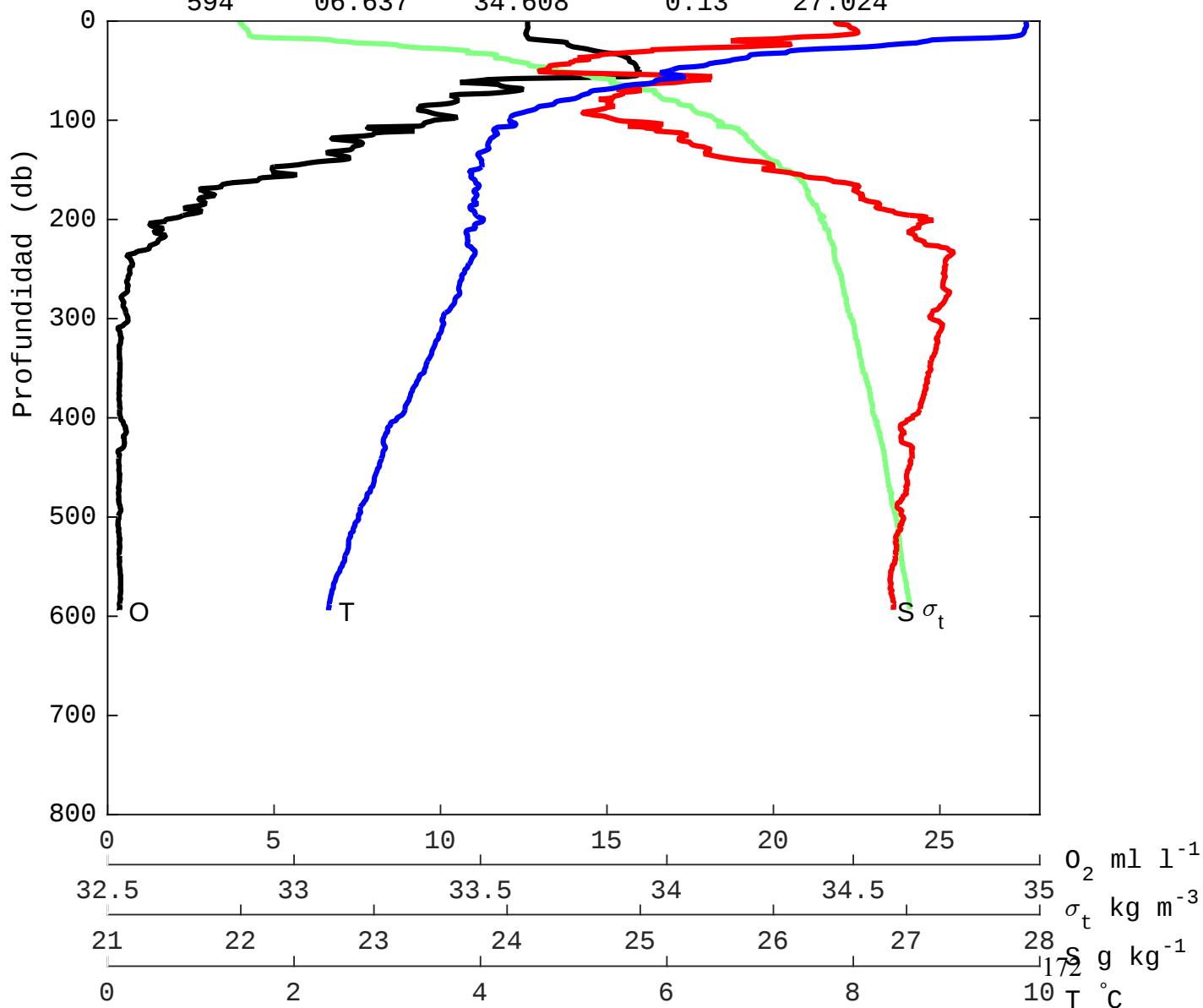
0	26.556	34.462	4.60	22.331
10	26.548	34.460	4.58	22.333
20	24.802	34.154	4.59	22.640
30	22.149	33.966	5.04	23.270
50	19.138	33.799	5.62	23.947
75	17.346	34.165	3.74	24.667
100	12.435	33.874	3.10	25.506
125	12.271	34.290	2.09	25.859
150	11.844	34.502	1.15	26.103
200	11.747	34.792	0.27	26.345
250	11.072	34.791	0.17	26.469
300	10.147	34.742	0.11	26.594
400	08.810	34.676	0.13	26.762
500	07.614	34.638	0.12	26.912
587	06.592	34.609	0.13	27.031



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 140.40 175 24°24.55 -113°04.04 29082014 19:44 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

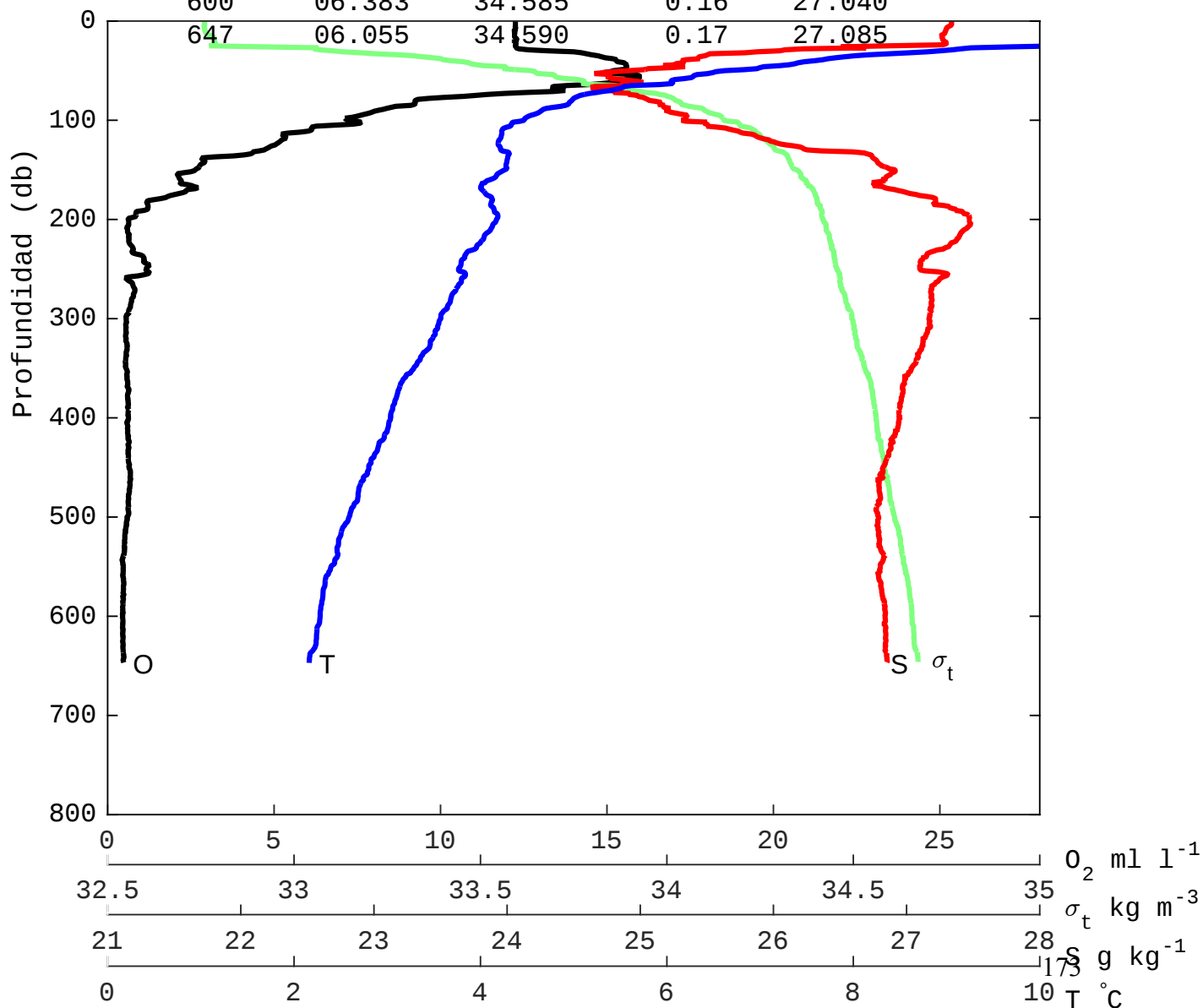
0	27.588	34.452	4.50	21.994
10	27.542	34.510	4.49	22.053
20	24.647	34.172	4.75	22.700
30	20.518	33.965	5.22	23.714
50	16.889	33.658	5.70	24.389
75	14.228	33.870	3.67	25.142
100	12.077	33.866	3.50	25.568
125	11.418	34.068	2.71	25.847
150	11.010	34.264	1.78	26.073
200	11.297	34.694	0.63	26.353
250	10.749	34.746	0.24	26.492
300	10.055	34.709	0.22	26.584
400	08.693	34.664	0.14	26.771
500	07.536	34.633	0.12	26.920
594	06.637	34.608	0.13	27.024



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 140.35 176 24°35.57 -112°44.42 29082014 23:47 NaN NaN

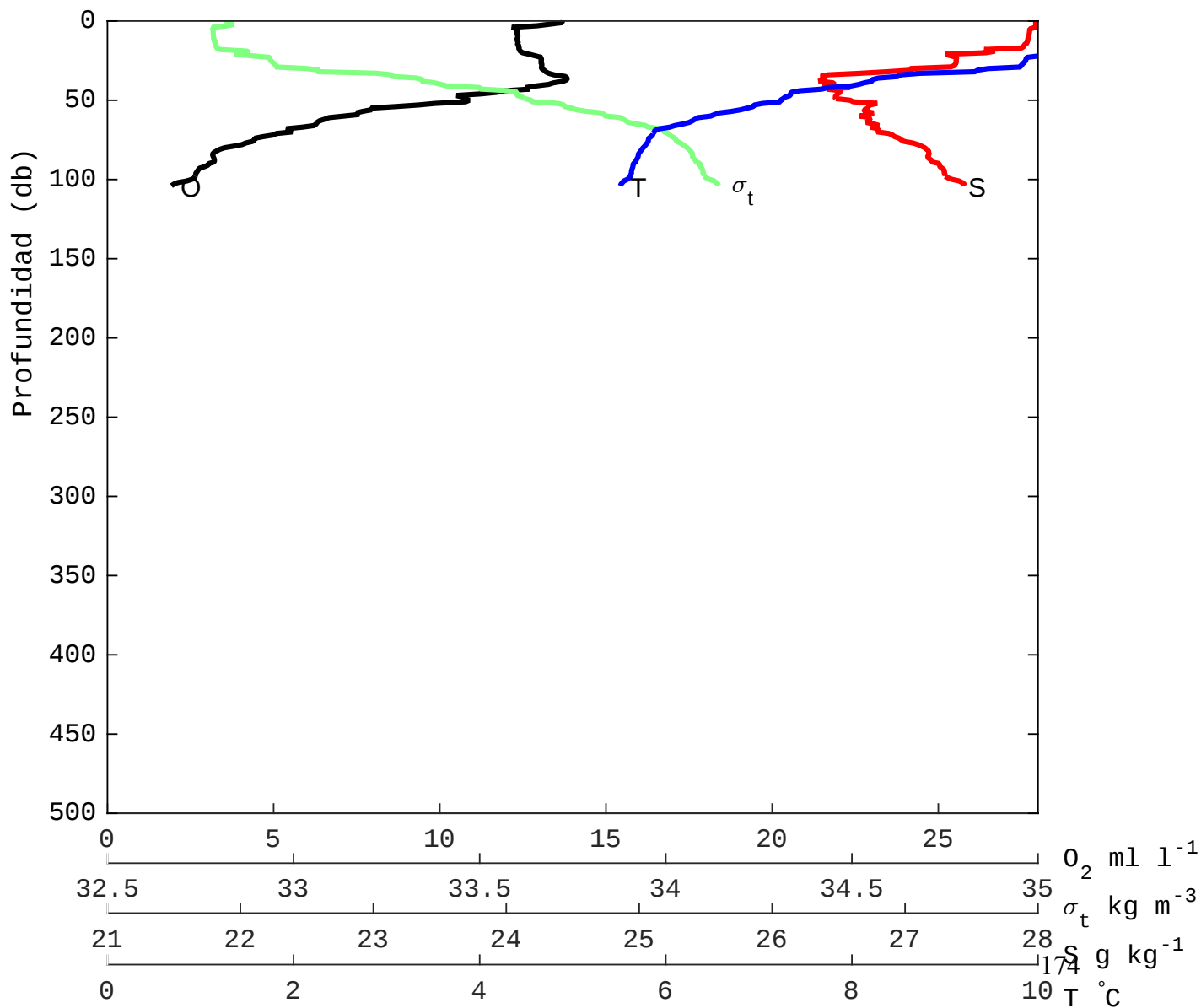
PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

0	29.106	34.764	4.37	21.728
10	29.062	34.747	4.36	21.731
20	28.844	34.743	4.38	21.800
30	25.012	34.303	4.72	22.689
50	18.533	33.900	5.43	24.176
75	14.190	33.922	3.95	25.190
100	12.513	34.039	2.62	25.618
125	11.735	34.320	1.80	25.983
150	11.925	34.611	0.94	26.173
200	11.679	34.813	0.22	26.375
250	10.541	34.678	0.41	26.476
300	10.008	34.703	0.20	26.587
400	08.500	34.627	0.23	26.772
500	07.252	34.568	0.21	26.909
600	06.383	34.585	0.16	27.040
647	06.055	34.590	0.17	27.085



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
140.30 177 24°45.51 -112°25.40 30082014 03:21 NaN NaN

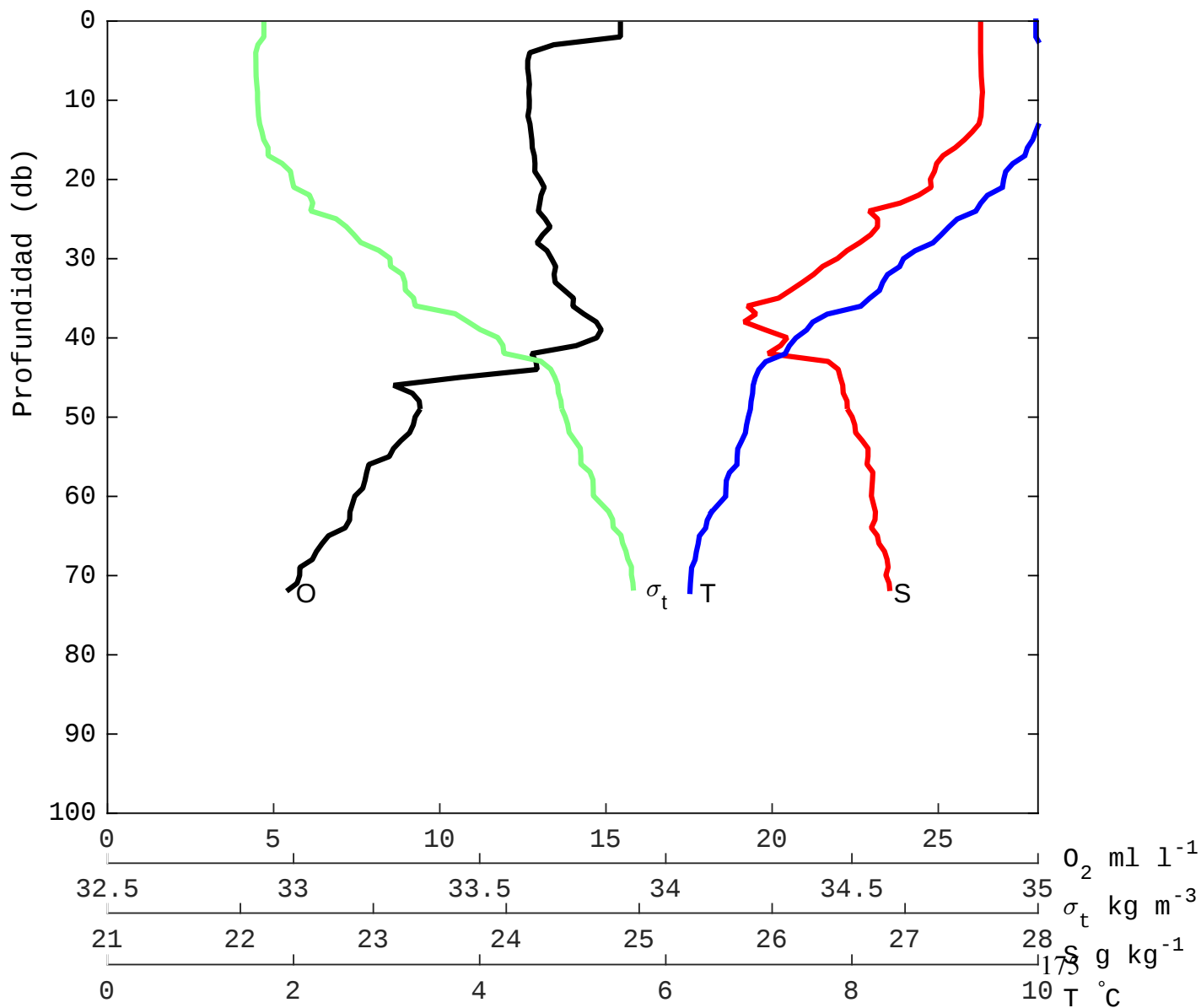
PRES(db)	TEMP(°C)	SA(gr/kg)	OXI(ml/l)	SIGMA-T(kg/m ³)
0	29.110	34.994	4.89	21.899
10	29.372	34.975	4.41	21.797
20	28.302	34.861	4.46	22.068
30	26.497	34.656	4.67	22.495
50	20.251	34.495	3.89	24.186
75	16.277	34.632	1.58	25.275
100	15.634	34.769	0.90	25.525
104	15.435	34.803	0.69	25.596



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 143.26 178 24°19.15 -111°49.36 30082014 10:06 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

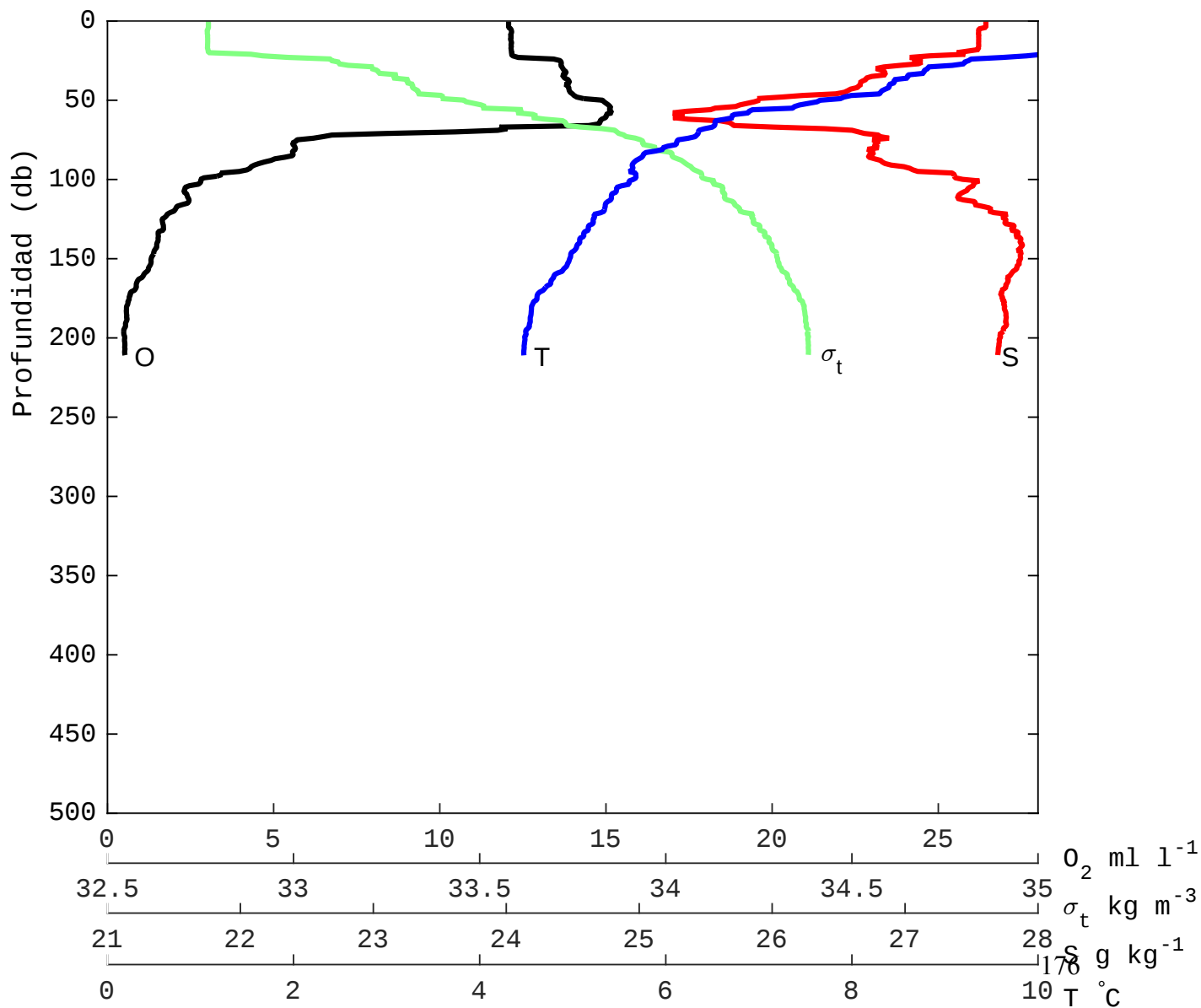
0	27.935	34.846	5.51	22.177
10	28.088	34.849	4.53	22.129
20	26.967	34.711	4.65	22.387
30	23.951	34.461	4.77	23.125
50	19.282	34.501	3.31	24.443
72	17.527	34.602	1.93	24.957



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 143.30 179 24°11.13 -112°04.69 30082014 12:48 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

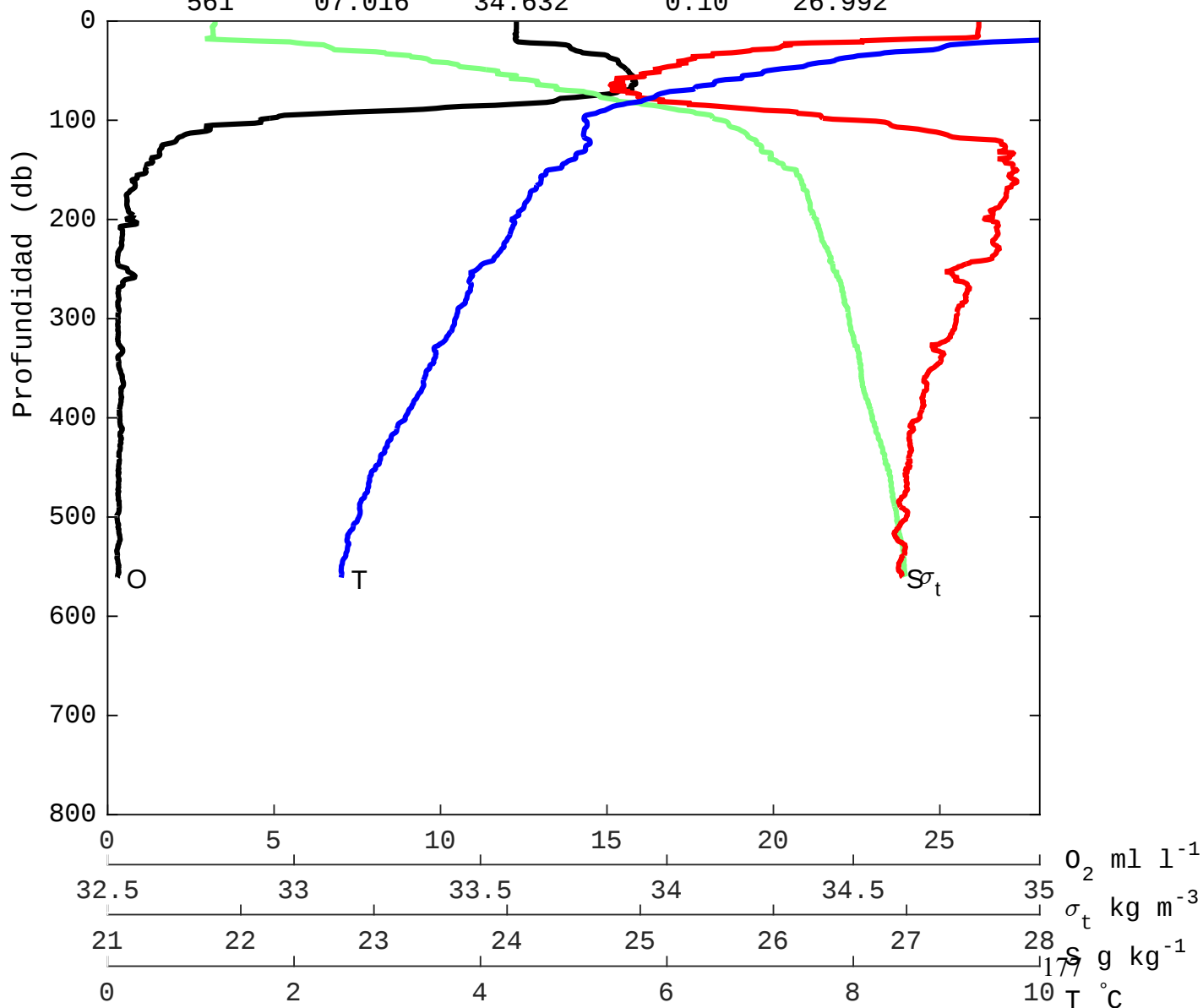
0	29.228	34.860	4.31	21.760
10	29.204	34.840	4.34	21.753
20	29.052	34.782	4.35	21.760
30	24.689	34.565	4.89	22.983
50	21.442	34.252	5.32	23.681
75	17.166	34.555	2.04	25.008
100	15.819	34.797	1.00	25.505
125	14.615	34.912	0.59	25.859
150	13.908	34.954	0.47	26.041
200	12.558	34.899	0.19	26.272
211	12.531	34.892	0.19	26.272



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 143.35 181 24°01.15 -112°23.94 30082014 17:29 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

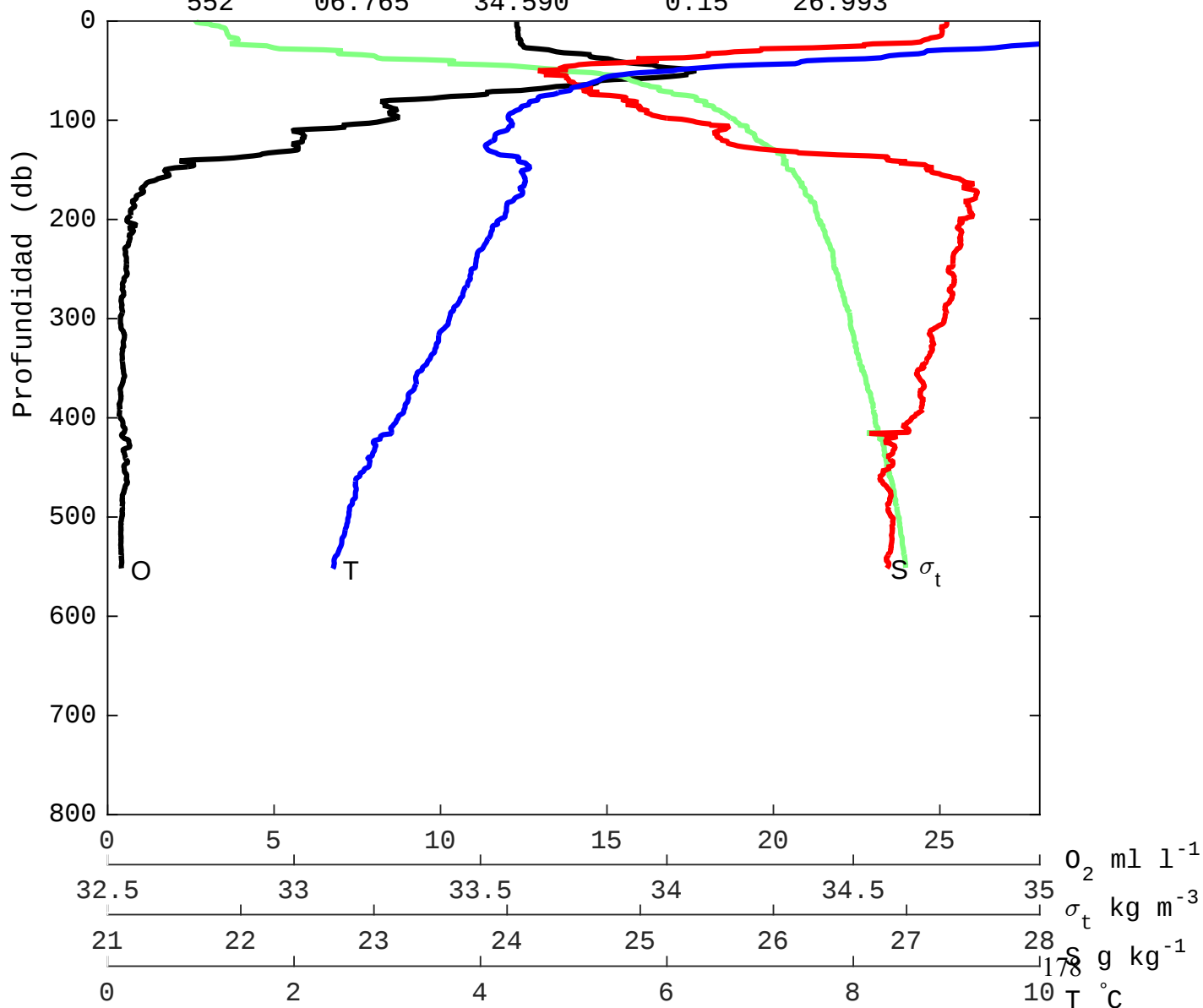
0	29.035	34.837	4.39	21.807
10	29.076	34.834	4.38	21.791
20	27.419	34.518	4.38	22.099
30	24.308	34.223	5.03	22.840
50	19.821	33.979	5.58	23.908
75	16.482	33.931	5.22	24.691
100	14.334	34.506	1.63	25.608
125	14.404	34.905	0.58	25.899
150	13.253	34.939	0.40	26.165
200	12.117	34.852	0.19	26.321
250	11.105	34.770	0.22	26.447
300	10.445	34.775	0.11	26.568
400	08.938	34.679	0.12	26.744
500	07.547	34.644	0.10	26.927
561	07.016	34.632	0.10	26.992



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 143.40 182 23°50.95 -112°42.20 30082014 21:27 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

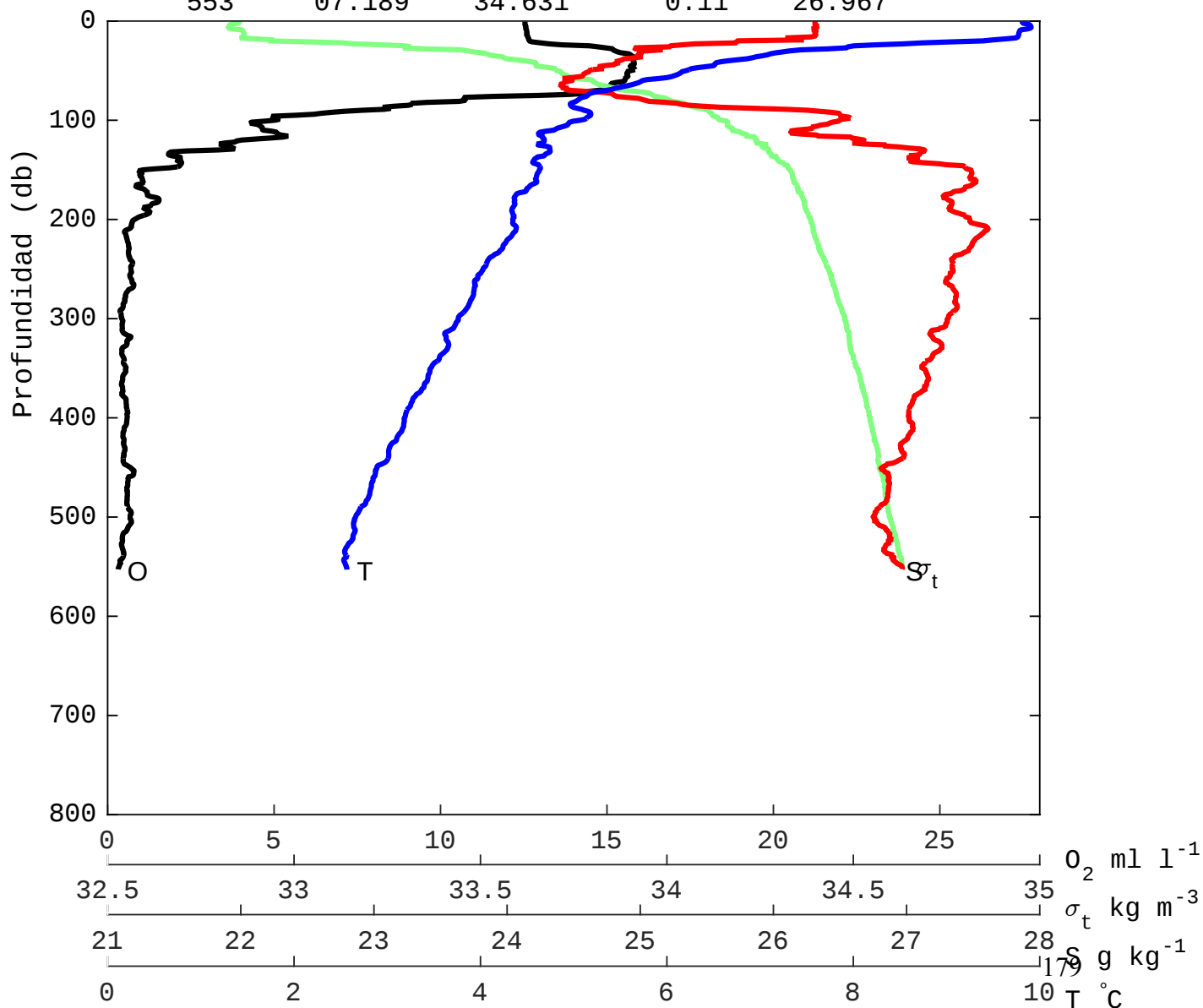
0	29.272	34.751	4.39	21.663
10	28.556	34.739	4.40	21.893
20	28.182	34.685	4.43	21.975
30	24.621	34.249	4.77	22.766
50	16.998	33.654	6.31	24.360
75	13.147	33.846	3.93	25.346
100	12.095	34.056	2.99	25.712
125	11.349	34.181	2.00	25.947
150	12.542	34.695	0.61	26.118
200	11.786	34.781	0.21	26.330
250	10.931	34.755	0.20	26.466
300	10.263	34.745	0.14	26.576
400	08.726	34.658	0.14	26.761
500	07.237	34.601	0.15	26.937
552	06.765	34.590	0.15	26.993



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 143.45 183 23°41.12 -113°01.14 31082014 00:43 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

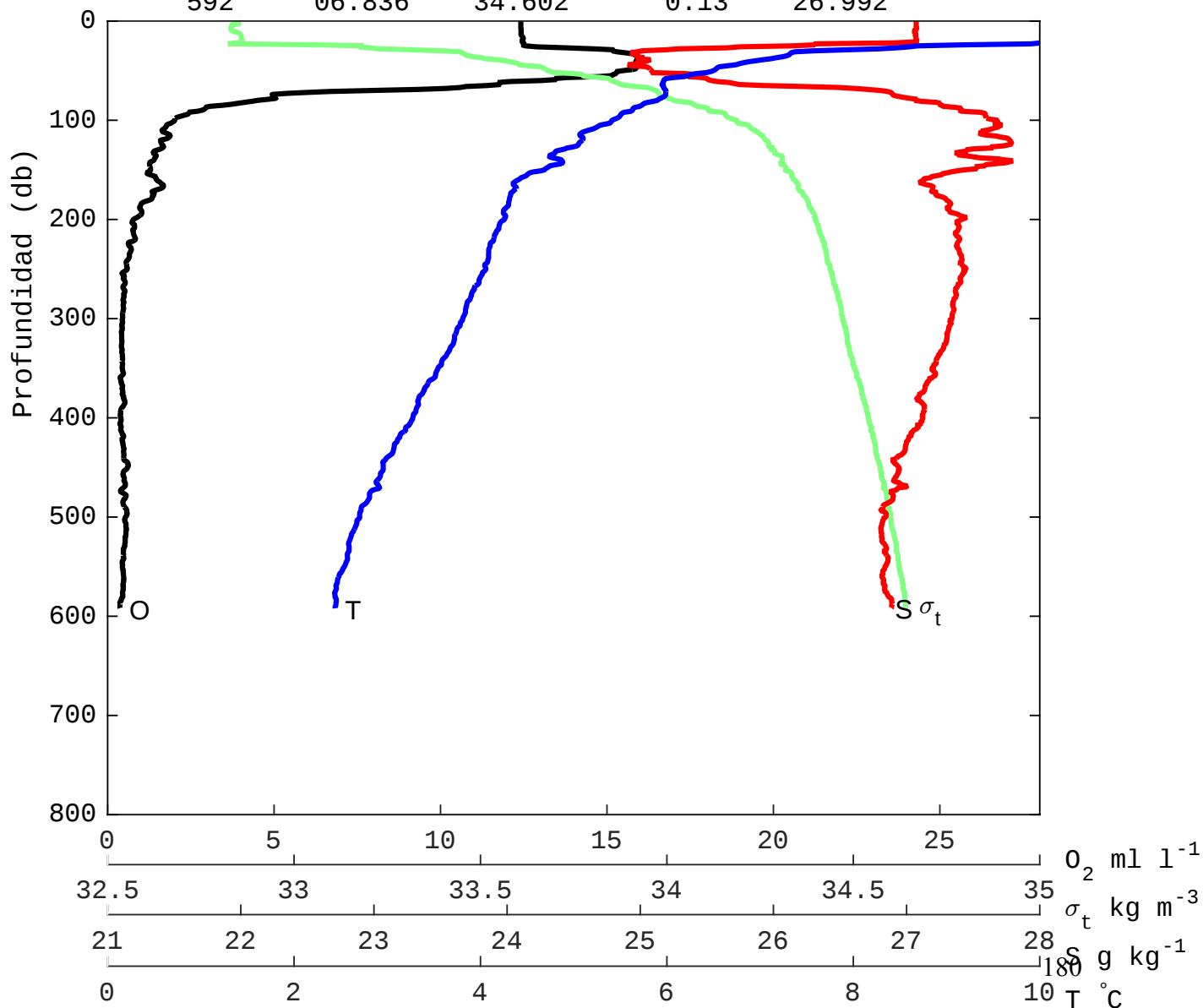
0	27.476	34.397	4.48	21.990
10	27.395	34.396	4.49	22.015
20	26.298	34.187	4.52	22.206
30	20.510	33.947	5.44	23.703
50	17.378	33.790	5.61	24.374
75	14.415	33.859	4.62	25.094
100	14.189	34.463	1.80	25.605
125	12.939	34.589	1.24	25.958
150	12.965	34.814	0.38	26.126
200	12.172	34.811	0.29	26.279
250	11.277	34.766	0.25	26.412
300	10.533	34.755	0.15	26.537
400	08.914	34.649	0.21	26.725
500	07.448	34.553	0.24	26.870
553	07.189	34.631	0.11	26.967



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 143.50 184 23°31.12 -113°20.10 31082014 04:04 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

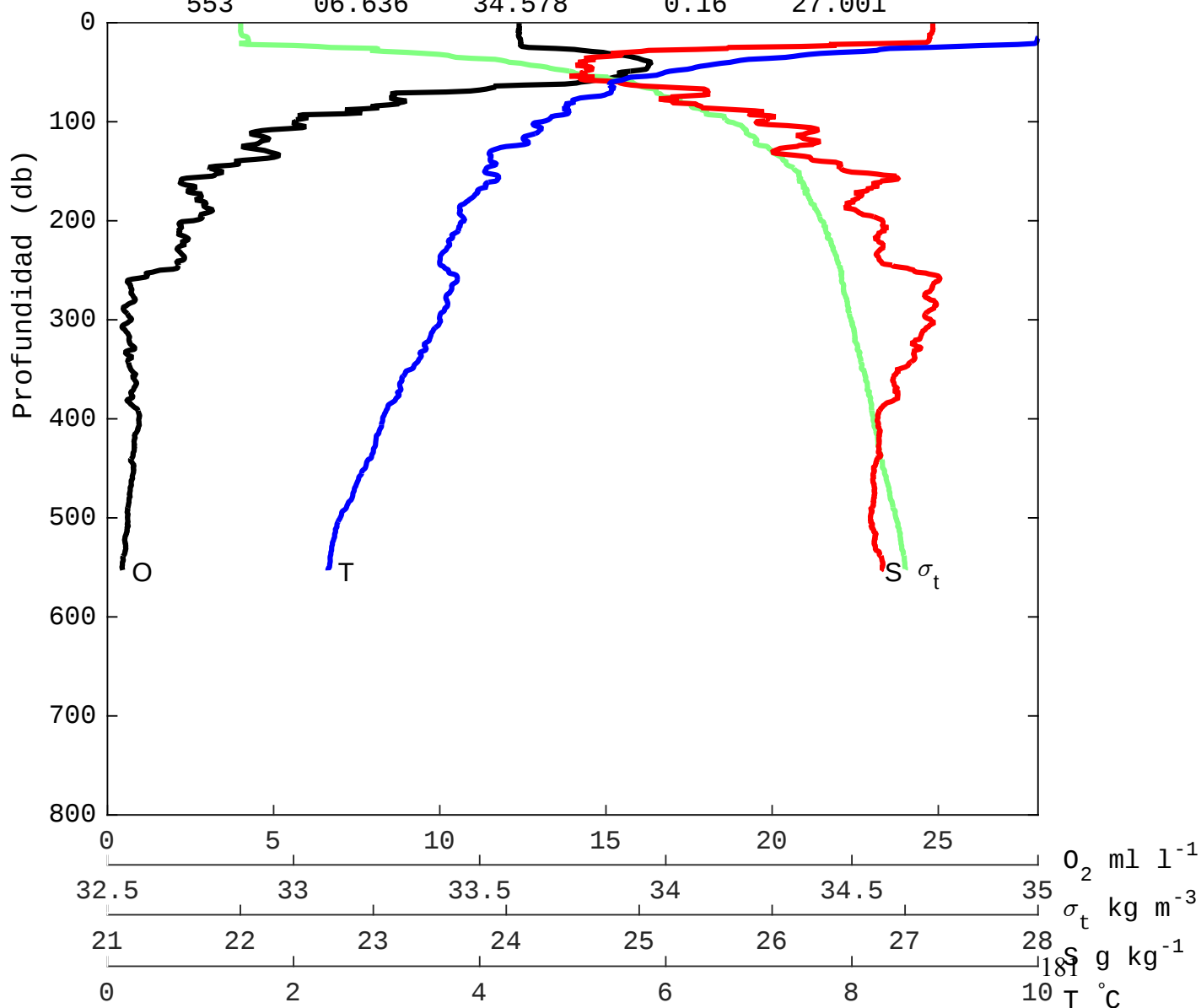
0	28.145	34.669	4.43	21.976
10	28.251	34.661	4.43	21.935
20	28.040	34.672	4.44	22.013
30	21.213	33.934	5.41	23.503
50	18.195	33.959	5.53	24.305
75	16.756	34.608	1.75	25.145
100	15.154	34.887	0.72	25.723
125	14.140	34.915	0.58	25.963
150	13.126	34.800	0.46	26.084
200	11.928	34.792	0.28	26.311
250	11.367	34.802	0.21	26.423
300	10.667	34.764	0.16	26.520
400	09.166	34.688	0.14	26.714
500	07.572	34.587	0.19	26.879
592	06.836	34.602	0.13	26.992



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 143.55 185 23°21.19 -113°38.83 31082014 07:14 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

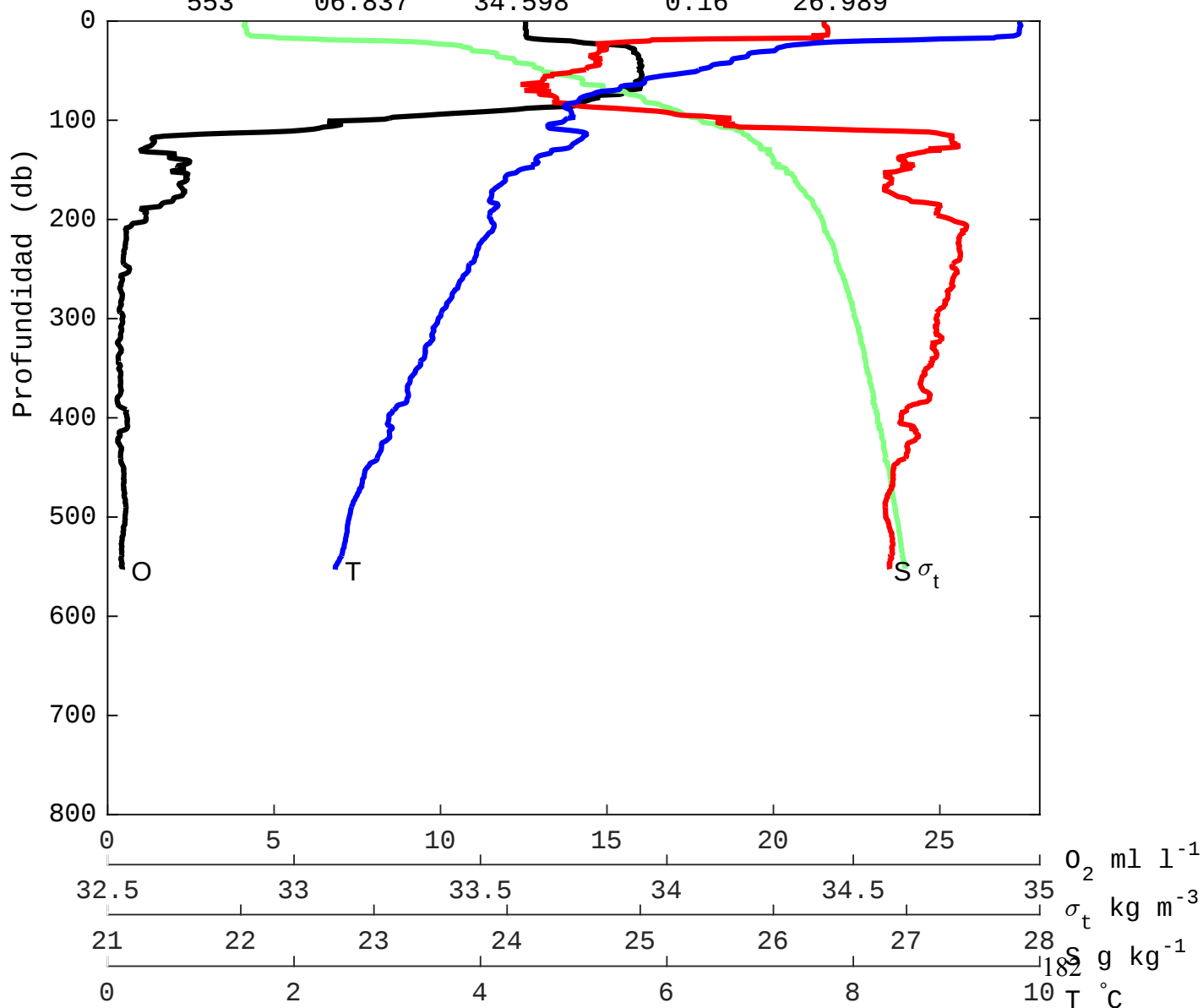
0	28.175	34.717	4.42	22.002
10	28.162	34.716	4.43	22.006
20	27.953	34.699	4.44	22.061
30	22.019	33.894	5.33	23.252
50	16.788	33.779	5.52	24.505
75	14.488	34.013	3.06	25.197
100	13.069	34.242	2.02	25.666
125	11.995	34.353	1.44	25.960
150	11.349	34.486	1.22	26.183
200	10.756	34.583	0.92	26.365
250	10.269	34.667	0.56	26.515
300	10.006	34.713	0.26	26.595
400	08.281	34.569	0.34	26.761
500	07.001	34.550	0.22	26.930
553	06.636	34.578	0.16	27.001



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 143.60 186 23°11.19 -113°57.50 31082014 10:24 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

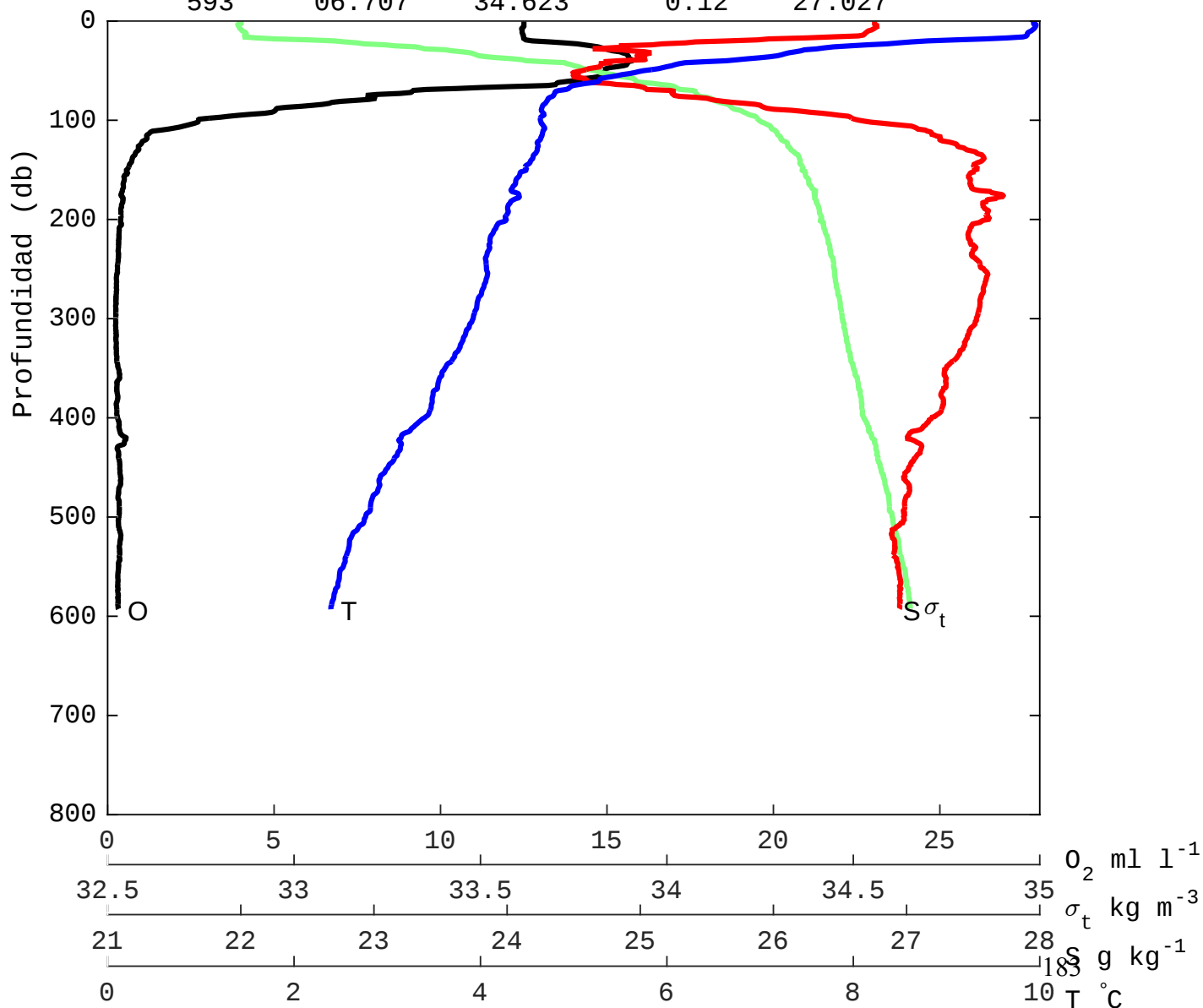
0	27.398	34.422	4.48	22.033
10	27.387	34.432	4.49	22.044
20	22.707	33.957	4.97	23.105
30	20.030	33.818	5.65	23.731
50	17.732	33.765	5.71	24.270
75	14.409	33.692	5.25	24.967
100	13.734	34.138	2.73	25.451
125	13.953	34.775	0.47	25.895
150	12.383	34.632	0.80	26.101
200	11.516	34.761	0.41	26.365
250	10.844	34.776	0.23	26.498
300	09.931	34.722	0.15	26.615
400	08.448	34.629	0.21	26.782
500	07.260	34.587	0.19	26.923
553	06.837	34.598	0.16	26.989



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 147.55 187 22°45.64 -113°16.45 31082014 16:05 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

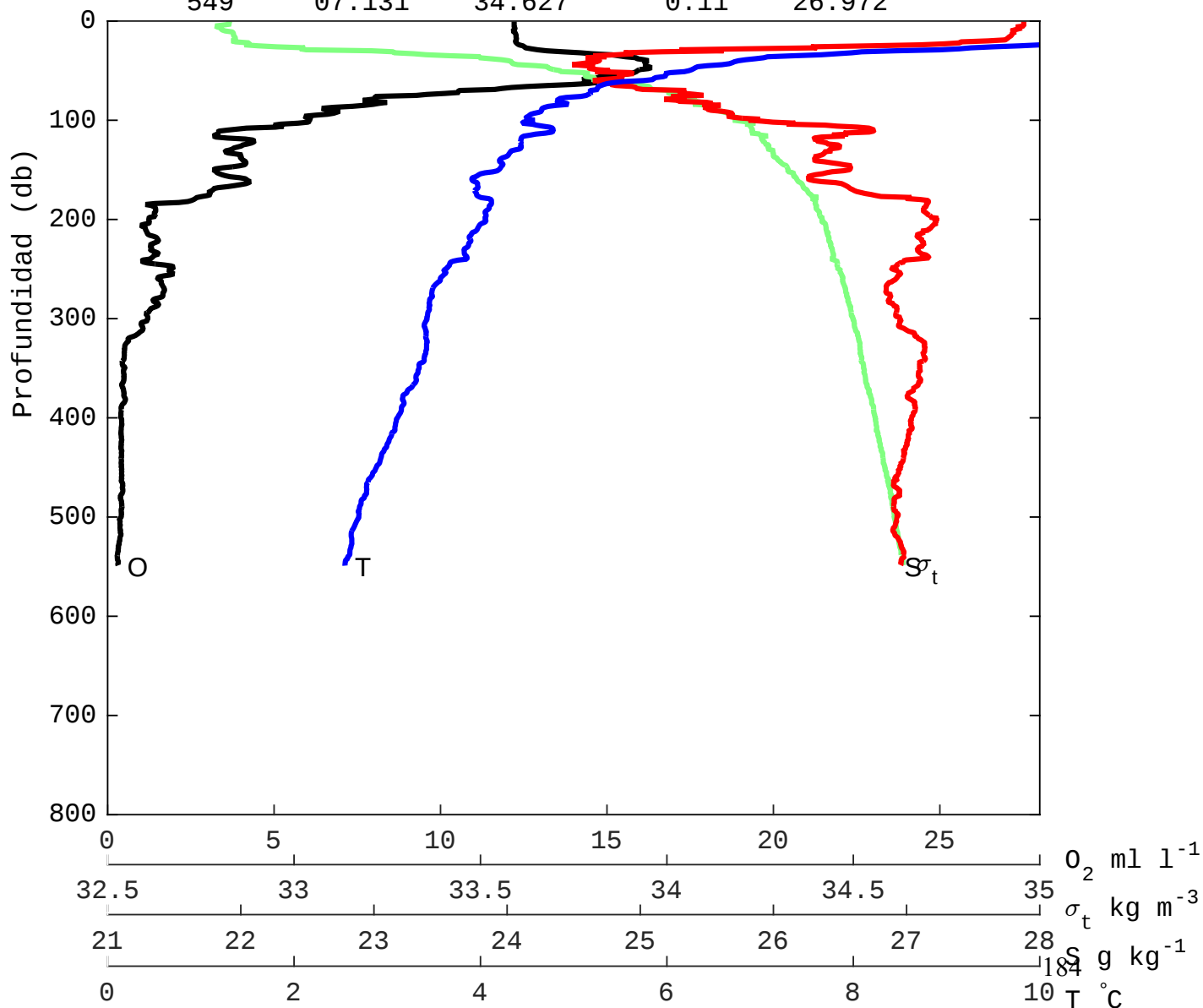
0	27.815	34.557	4.47	22.000
10	27.741	34.540	4.45	22.011
20	24.633	34.165	4.55	22.700
30	20.826	33.902	5.42	23.584
50	16.099	33.773	5.32	24.659
75	13.396	34.019	2.77	25.429
100	12.999	34.514	0.97	25.890
125	12.929	34.779	0.35	26.107
150	12.593	34.828	0.20	26.211
200	11.975	34.866	0.14	26.360
250	11.378	34.851	0.11	26.460
300	10.978	34.830	0.09	26.515
400	09.519	34.708	0.11	26.672
500	07.747	34.635	0.12	26.890
593	06.707	34.623	0.12	27.027



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 147.50 188 22°55.86 -112°57.97 31082014 20:00 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

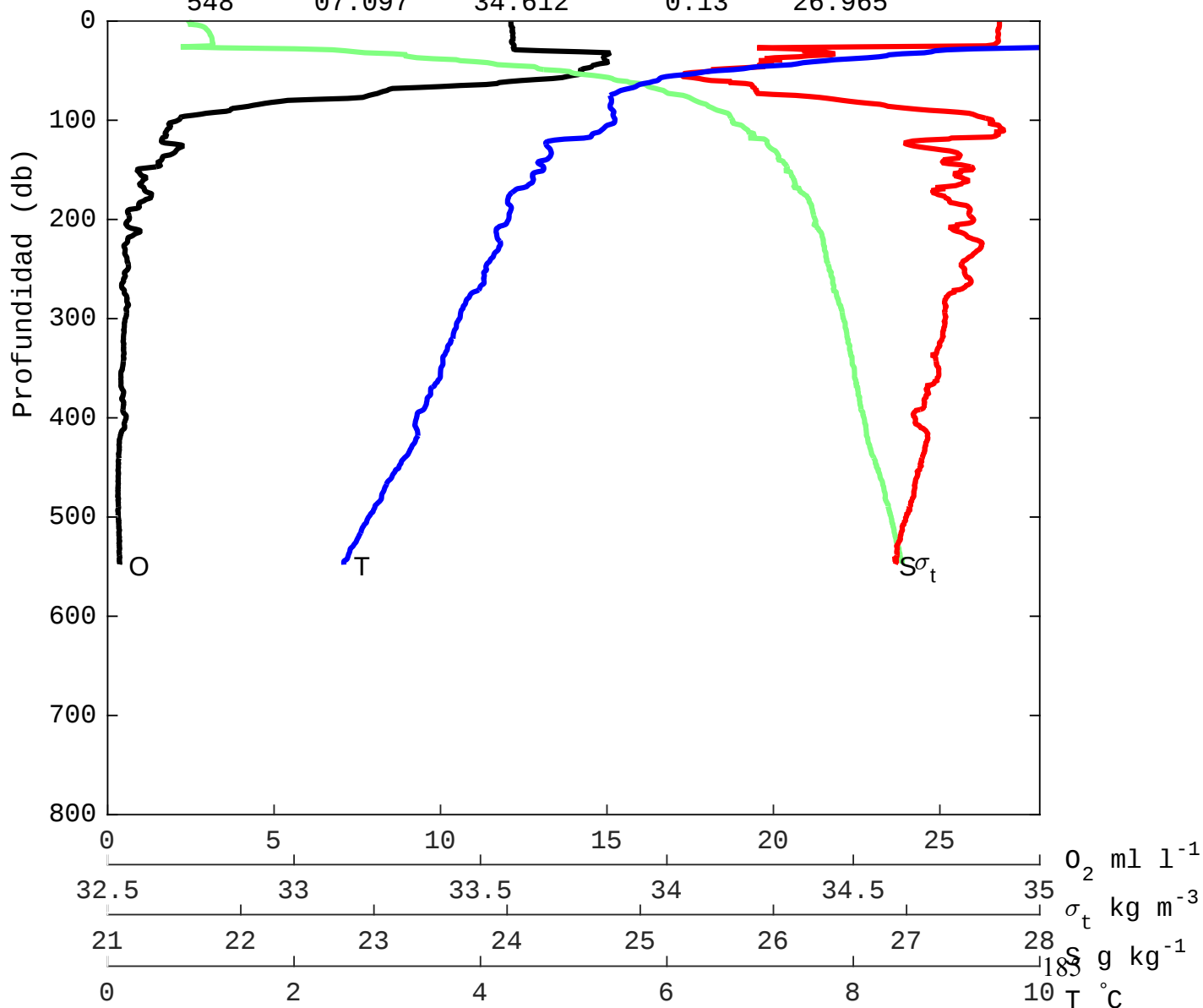
0	28.991	34.957	4.36	21.912
10	29.000	34.922	4.35	21.882
20	28.719	34.862	4.38	21.931
30	23.650	34.152	4.71	22.981
50	17.461	33.847	5.68	24.398
75	14.377	34.098	3.31	25.286
100	12.827	34.219	2.16	25.696
125	12.397	34.459	1.45	25.965
150	11.747	34.490	1.13	26.112
200	11.349	34.723	0.44	26.366
250	10.157	34.603	0.67	26.485
300	09.593	34.625	0.43	26.597
400	08.705	34.654	0.14	26.761
500	07.545	34.618	0.15	26.907
549	07.131	34.627	0.11	26.972



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 147.45 189 23°05.89 -112°39.19 31082014 23:08 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

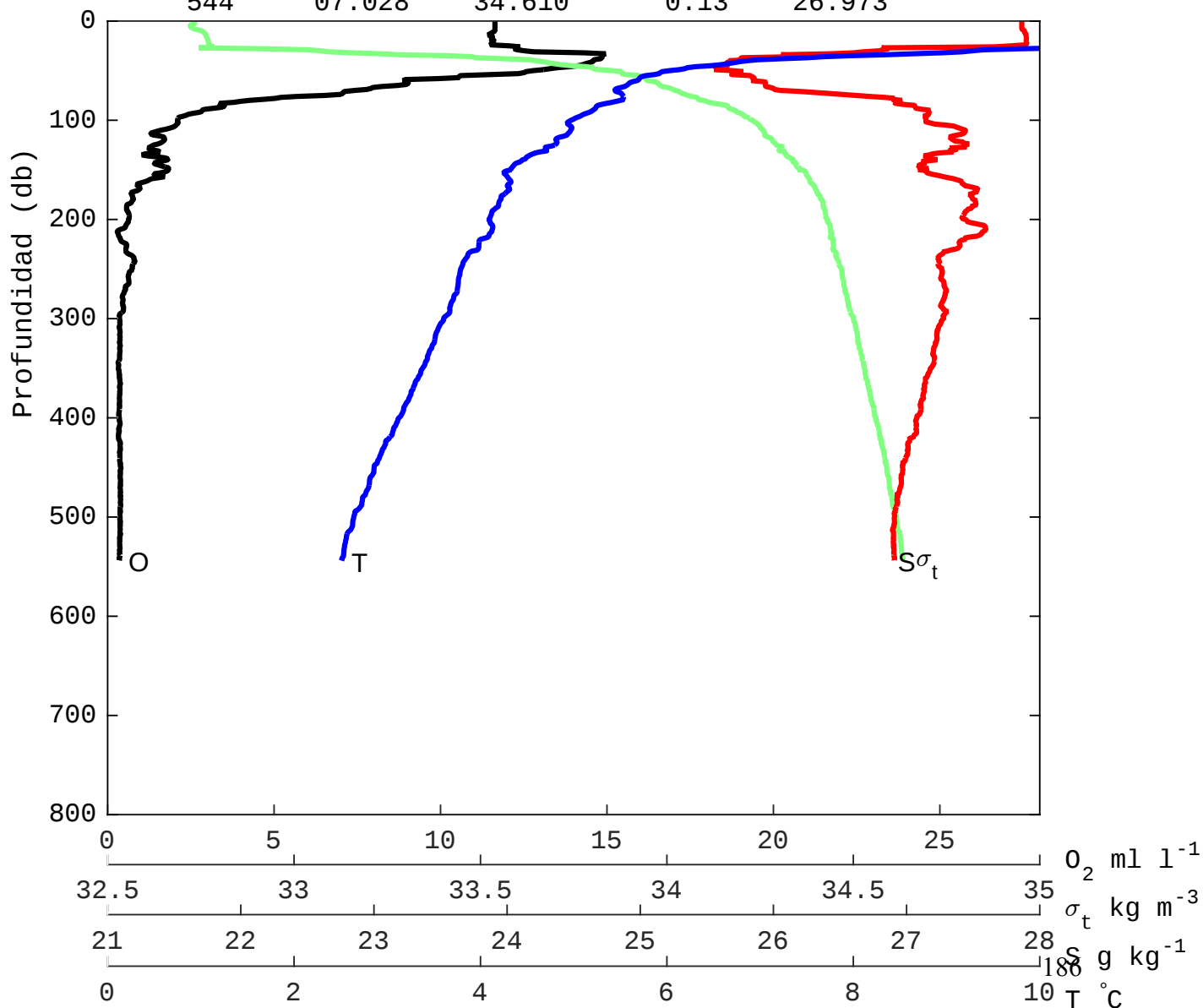
0	29.747	34.892	4.33	21.608
10	29.302	34.887	4.34	21.755
20	29.215	34.889	4.33	21.786
30	24.855	34.363	4.67	22.782
50	18.314	34.121	5.06	24.398
75	15.094	34.345	2.80	25.321
100	15.237	34.874	0.75	25.695
125	13.178	34.651	0.79	25.958
150	13.092	34.821	0.31	26.106
200	12.044	34.823	0.23	26.313
250	11.379	34.799	0.22	26.419
300	10.573	34.746	0.19	26.523
400	09.281	34.665	0.20	26.678
500	07.839	34.643	0.11	26.883
548	07.097	34.612	0.13	26.965



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 147.40 190 23°15.73 -112°19.97 01092014 02:19 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

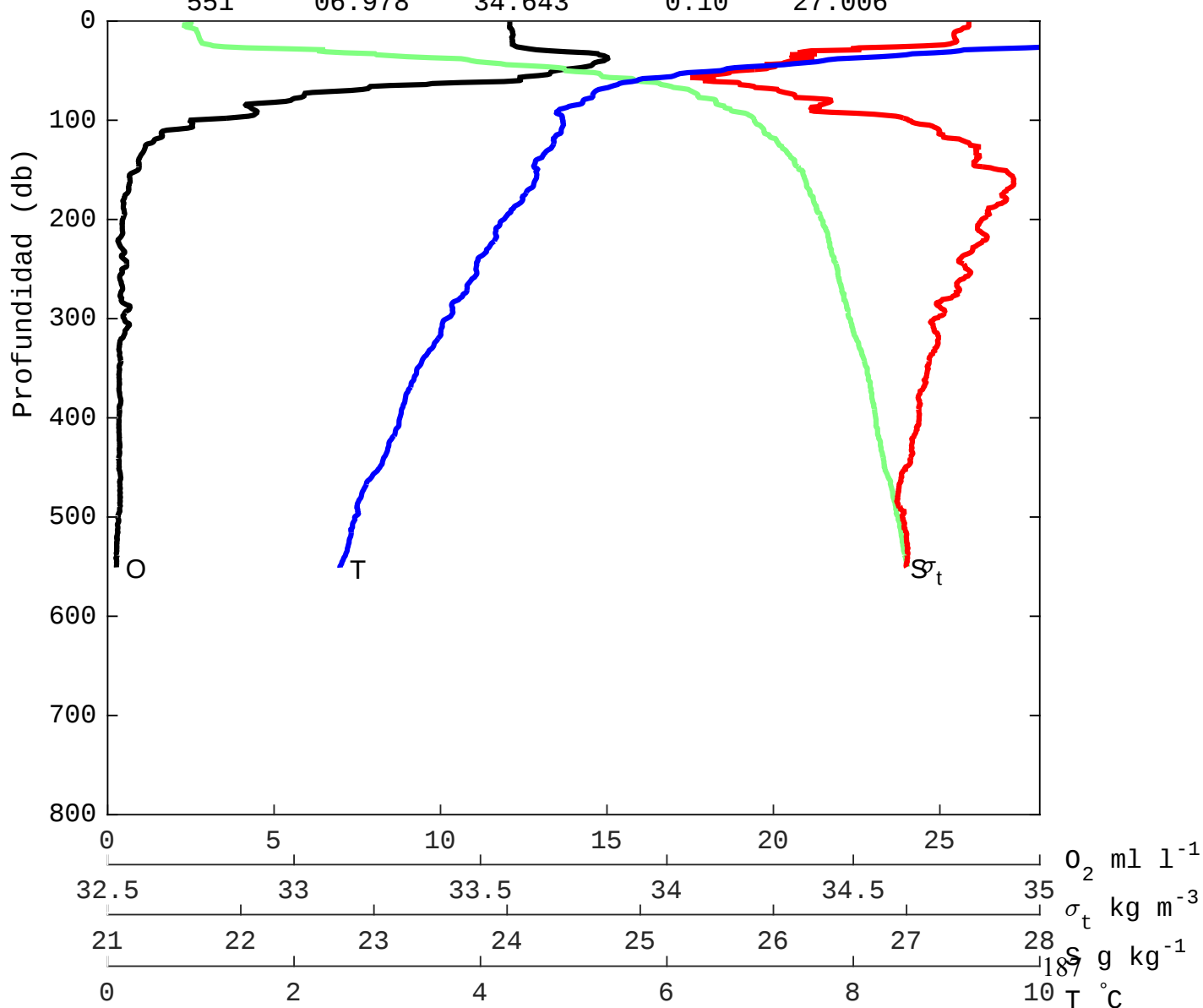
0	29.748	34.952	4.16	21.653
10	29.599	34.960	4.16	21.709
20	29.475	34.964	4.15	21.754
30	25.967	34.571	4.47	22.597
50	16.873	34.174	4.57	24.787
75	15.480	34.506	2.34	25.359
100	13.918	34.699	0.75	25.844
125	13.428	34.793	0.49	26.017
150	12.116	34.674	0.65	26.184
200	11.450	34.799	0.23	26.406
250	10.601	34.741	0.26	26.514
300	10.095	34.742	0.13	26.603
400	08.749	34.670	0.13	26.767
500	07.394	34.610	0.13	26.922
544	07.028	34.610	0.13	26.973



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 147.35 191 23°25.93 -112°01.60 01092014 06:07 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

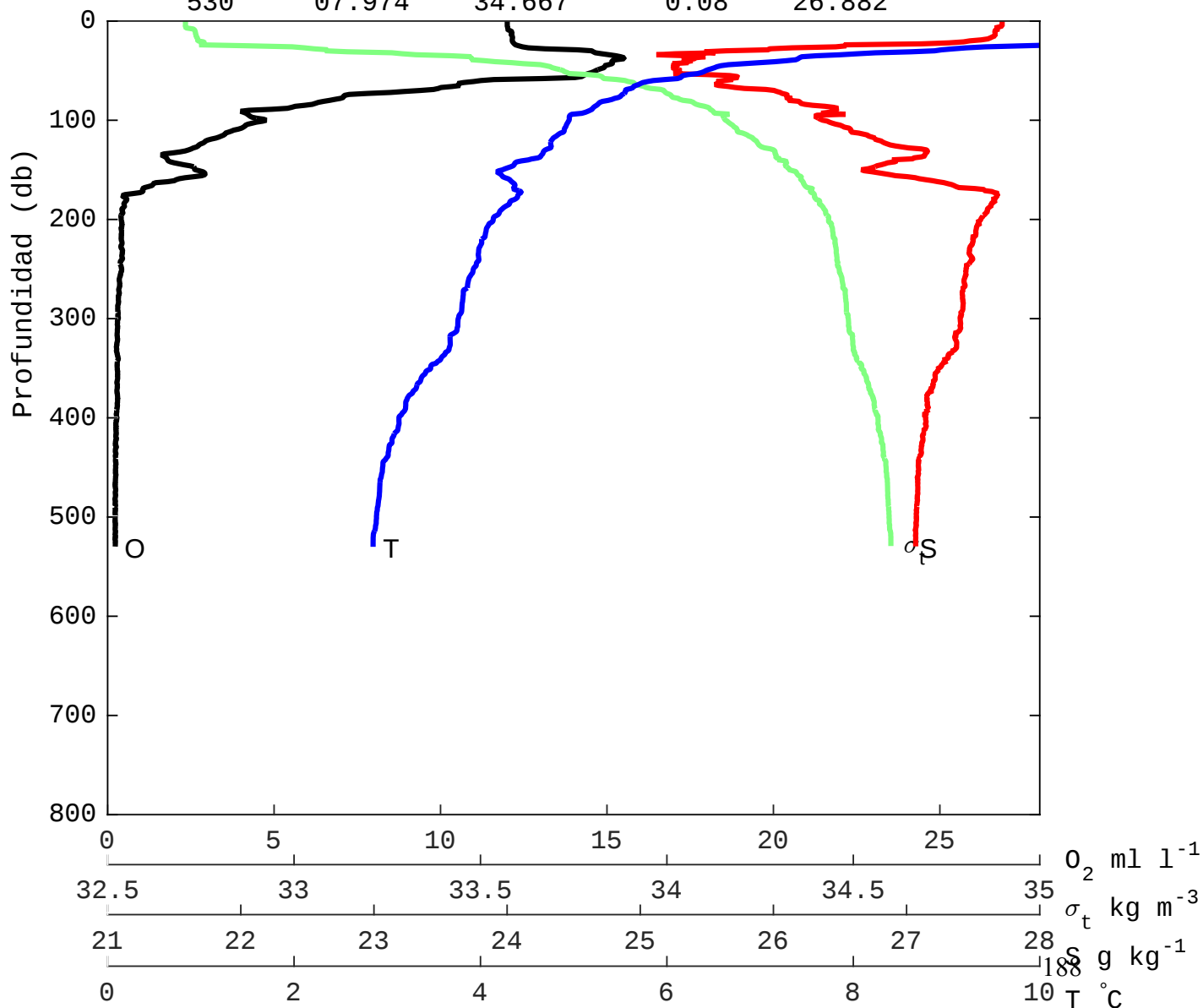
0	29.511	34.810	4.31	21.627
10	29.318	34.778	4.34	21.668
20	29.221	34.778	4.34	21.701
30	25.594	34.387	4.75	22.574
50	18.409	34.194	4.81	24.430
75	14.568	34.345	2.12	25.435
100	13.691	34.647	0.87	25.851
125	13.386	34.810	0.41	26.039
150	12.924	34.890	0.33	26.193
200	11.901	34.845	0.16	26.357
250	11.062	34.803	0.15	26.480
300	10.183	34.718	0.18	26.569
400	08.777	34.677	0.12	26.768
500	07.420	34.629	0.11	26.933
551	06.978	34.643	0.10	27.006



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 147.30 192 23°35.99 -111°43.01 01092014 09:18 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

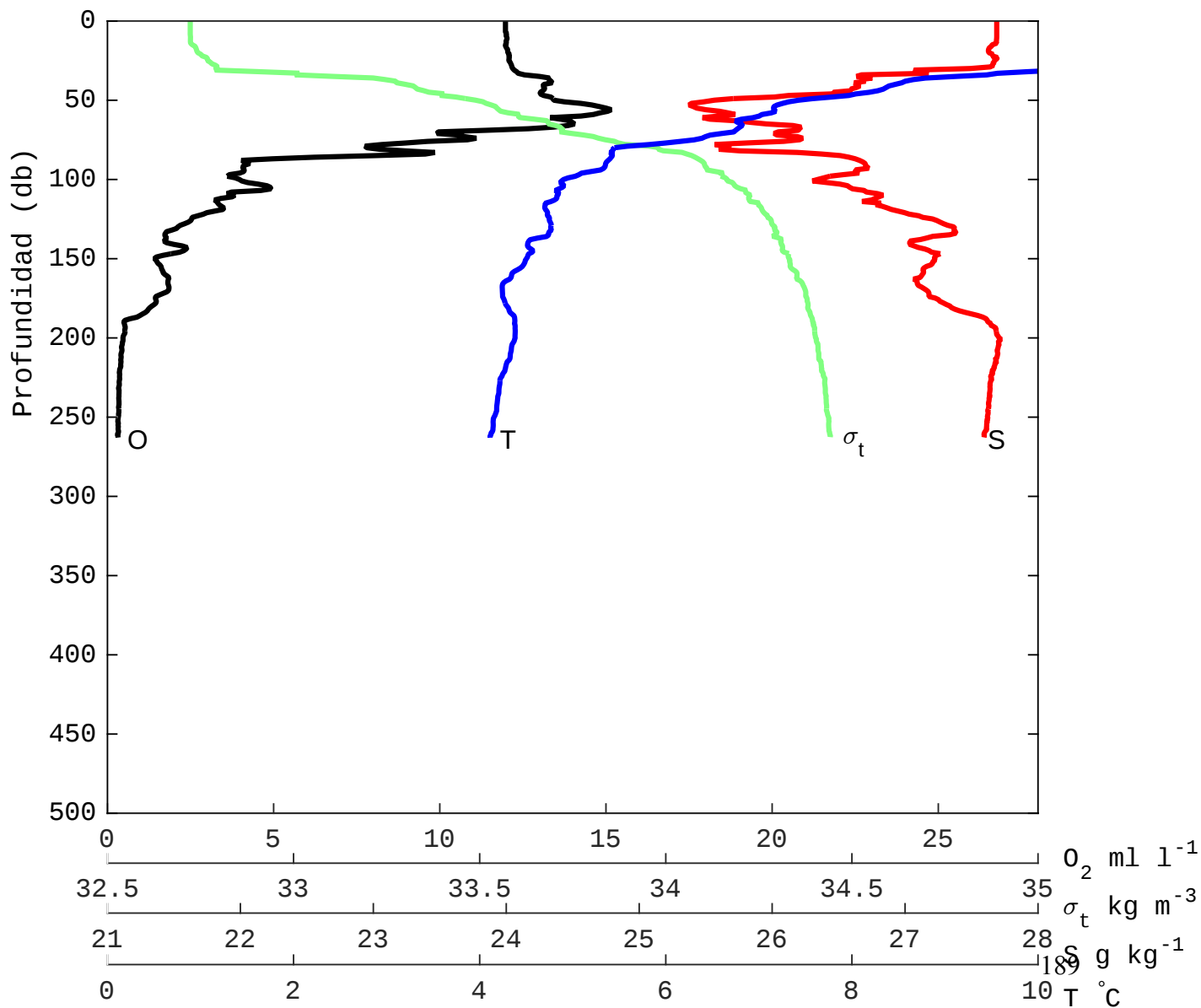
0	29.833	34.899	4.29	21.585
10	29.578	34.880	4.32	21.656
20	29.364	34.812	4.34	21.678
30	24.843	34.160	5.19	22.632
50	17.965	34.038	5.24	24.421
75	15.427	34.325	2.54	25.232
100	13.862	34.418	1.70	25.639
125	13.316	34.599	0.98	25.890
150	11.860	34.521	0.94	26.115
200	11.583	34.842	0.14	26.415
250	10.987	34.802	0.15	26.493
300	10.531	34.787	0.11	26.562
400	08.751	34.694	0.10	26.785
500	08.075	34.670	0.08	26.869
530	07.974	34.667	0.08	26.882



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 147.25 193 23°45.94 -111°24.21 01092014 12:56 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

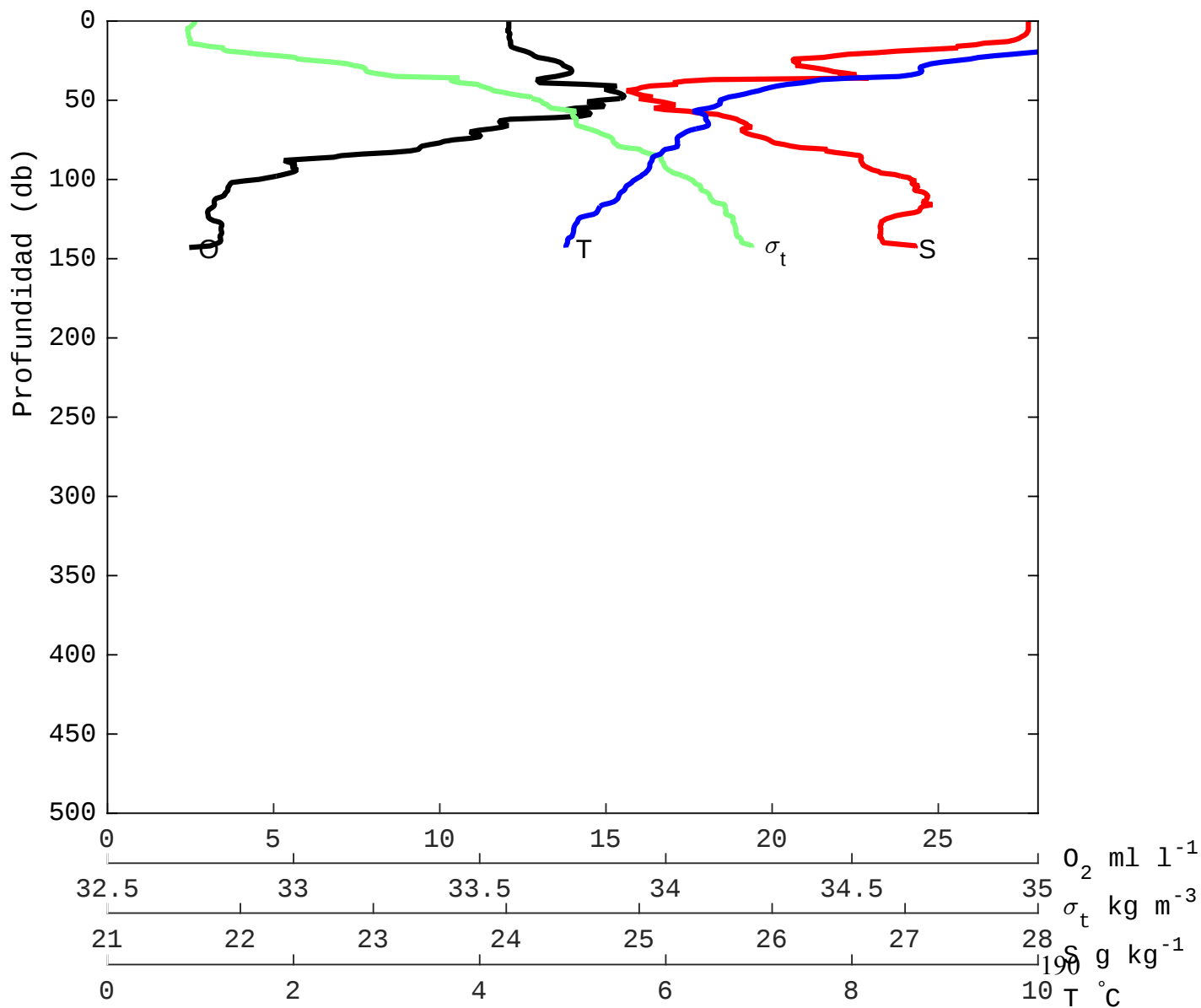
0	29.698	34.889	4.28	21.623
10	29.693	34.889	4.29	21.625
20	29.483	34.868	4.30	21.680
30	28.952	34.818	4.36	21.821
50	20.788	34.130	4.80	23.767
75	17.652	34.360	3.87	24.742
100	13.725	34.409	1.42	25.661
125	13.294	34.716	0.90	25.985
150	12.606	34.722	0.50	26.126
200	12.266	34.895	0.17	26.326
250	11.631	34.864	0.12	26.422
263	11.514	34.855	0.11	26.437



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 147.20 194 23°55.79 -111°05.53 01092014 16:15 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

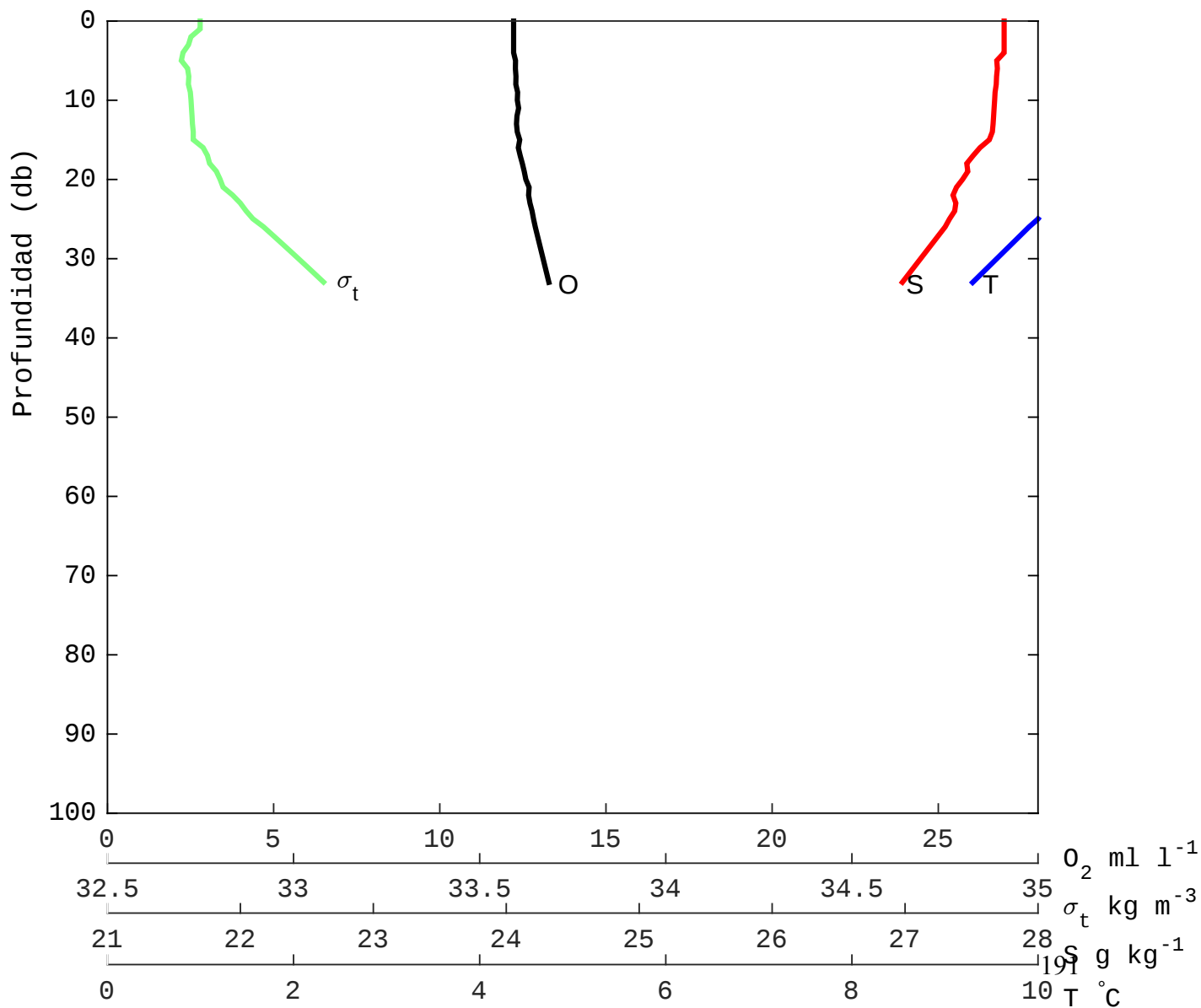
0	29.781	34.974	4.31	21.658
10	29.880	34.955	4.31	21.610
20	27.727	34.568	4.53	22.036
30	24.448	34.411	4.98	22.940
50	18.418	33.958	5.30	24.248
75	17.142	34.277	3.72	24.802
100	15.884	34.658	1.63	25.384
125	14.169	34.592	1.10	25.708
143	13.799	34.669	0.88	25.845



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 147.18 195 23°59.77 -110°57.67 01092014 18:12 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

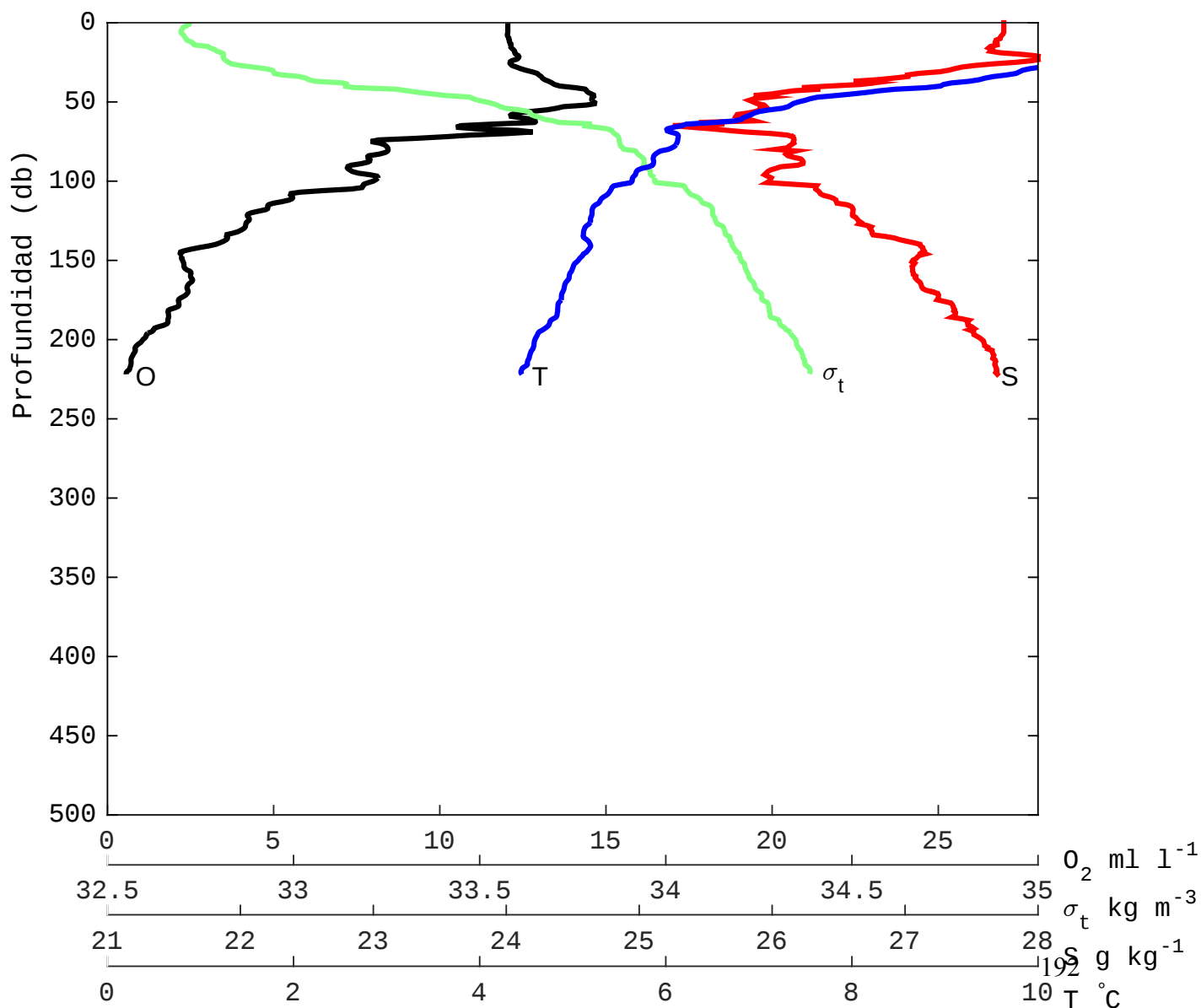
0	29.522	34.909	4.36	21.697
10	29.669	34.883	4.40	21.629
20	28.827	34.797	4.50	21.847
30	26.759	34.685	4.68	22.434
33	26.032	34.636	4.74	22.625



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 150.15 196 23°31.43 -110°26.00 01092014 23:34 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

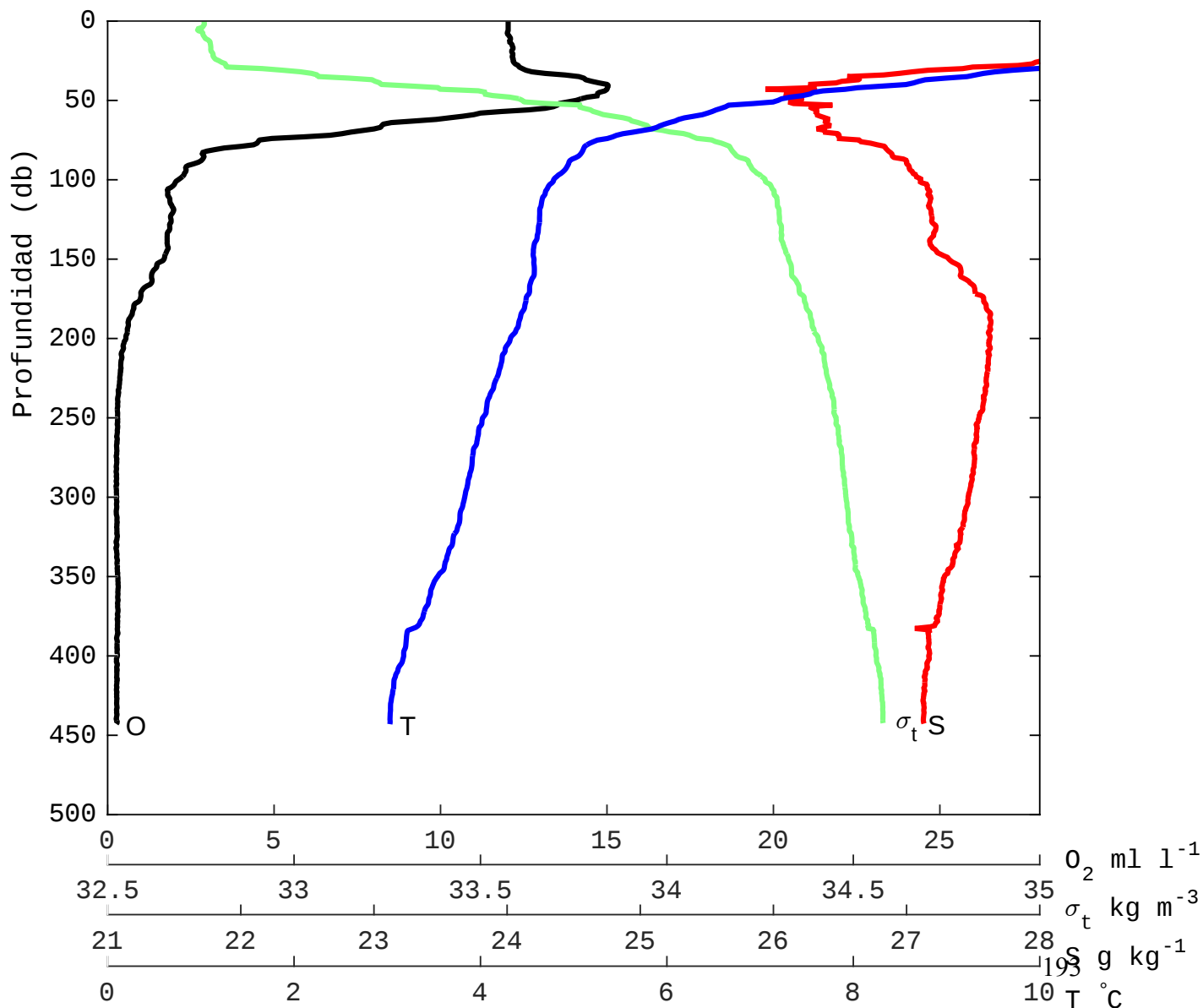
0	29.755	34.908	4.30	21.618
10	29.815	34.899	4.32	21.590
20	29.085	34.958	4.39	21.880
30	27.541	34.761	4.49	22.241
50	20.790	34.235	5.22	23.845
75	17.151	34.343	2.83	24.849
100	15.790	34.280	2.86	25.115
125	14.538	34.517	1.52	25.572
150	14.166	34.664	0.81	25.764
200	12.862	34.848	0.38	26.173
222	12.473	34.890	0.20	26.282



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 150.20 197 23°21.47 -110°45.09 02092014 02:43 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

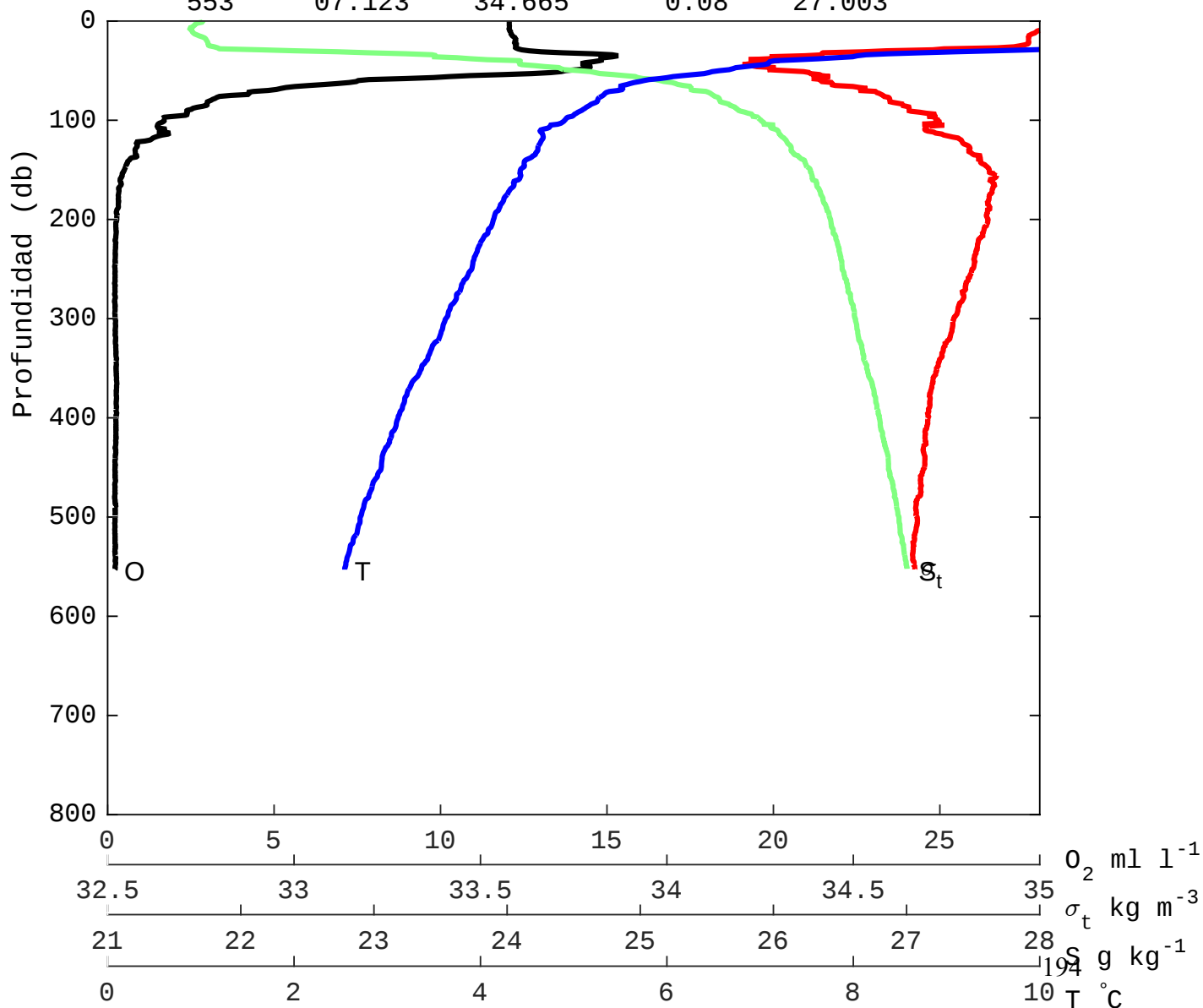
0	29.830	35.086	4.30	21.725
10	29.734	35.045	4.31	21.727
20	29.533	35.034	4.34	21.787
30	27.858	34.793	4.45	22.162
50	20.139	34.360	5.03	24.114
75	14.712	34.517	1.63	25.536
100	13.397	34.685	0.76	25.940
125	12.974	34.711	0.68	26.046
150	12.808	34.756	0.61	26.113
200	12.099	34.866	0.20	26.336
250	11.264	34.839	0.11	26.471
300	10.727	34.808	0.10	26.544
400	08.894	34.702	0.10	26.769
443	08.478	34.690	0.09	26.824



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 150.25 198 23°11.63 -111°03.73 02092014 05:57 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

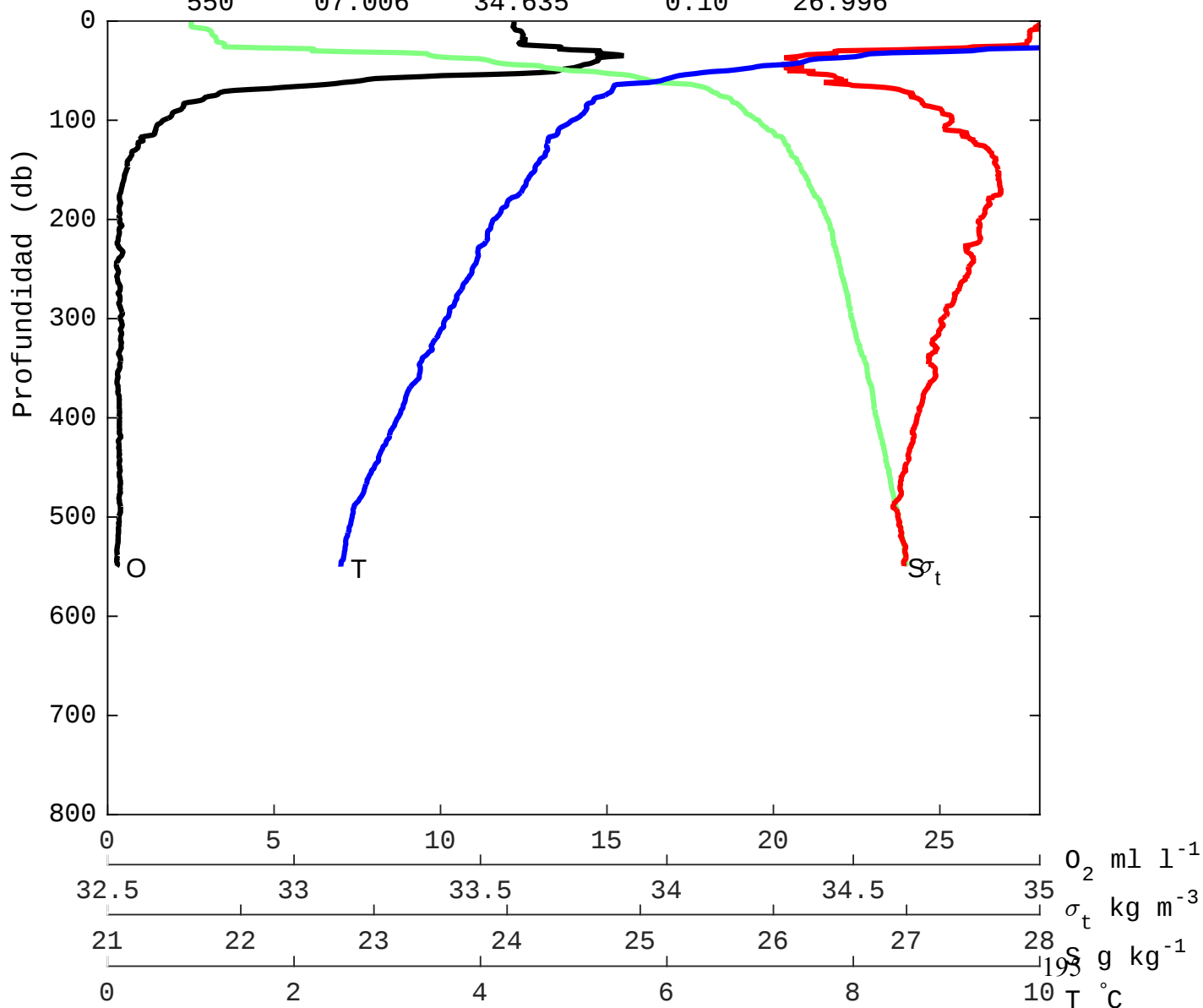
0	29.760	35.041	4.31	21.715
10	29.896	34.993	4.32	21.633
20	29.517	34.970	4.38	21.745
30	26.628	34.588	4.52	22.403
50	18.383	34.318	4.91	24.531
75	14.879	34.580	1.32	25.549
100	13.729	34.729	0.61	25.906
125	12.955	34.804	0.32	26.121
150	12.402	34.864	0.18	26.276
200	11.591	34.862	0.10	26.429
250	10.938	34.821	0.08	26.516
300	10.157	34.769	0.08	26.614
400	08.727	34.701	0.09	26.794
500	07.591	34.671	0.08	26.941
553	07.123	34.665	0.08	27.003



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 150.30 199 23°01.86 -111°22.28 02092014 09:37 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

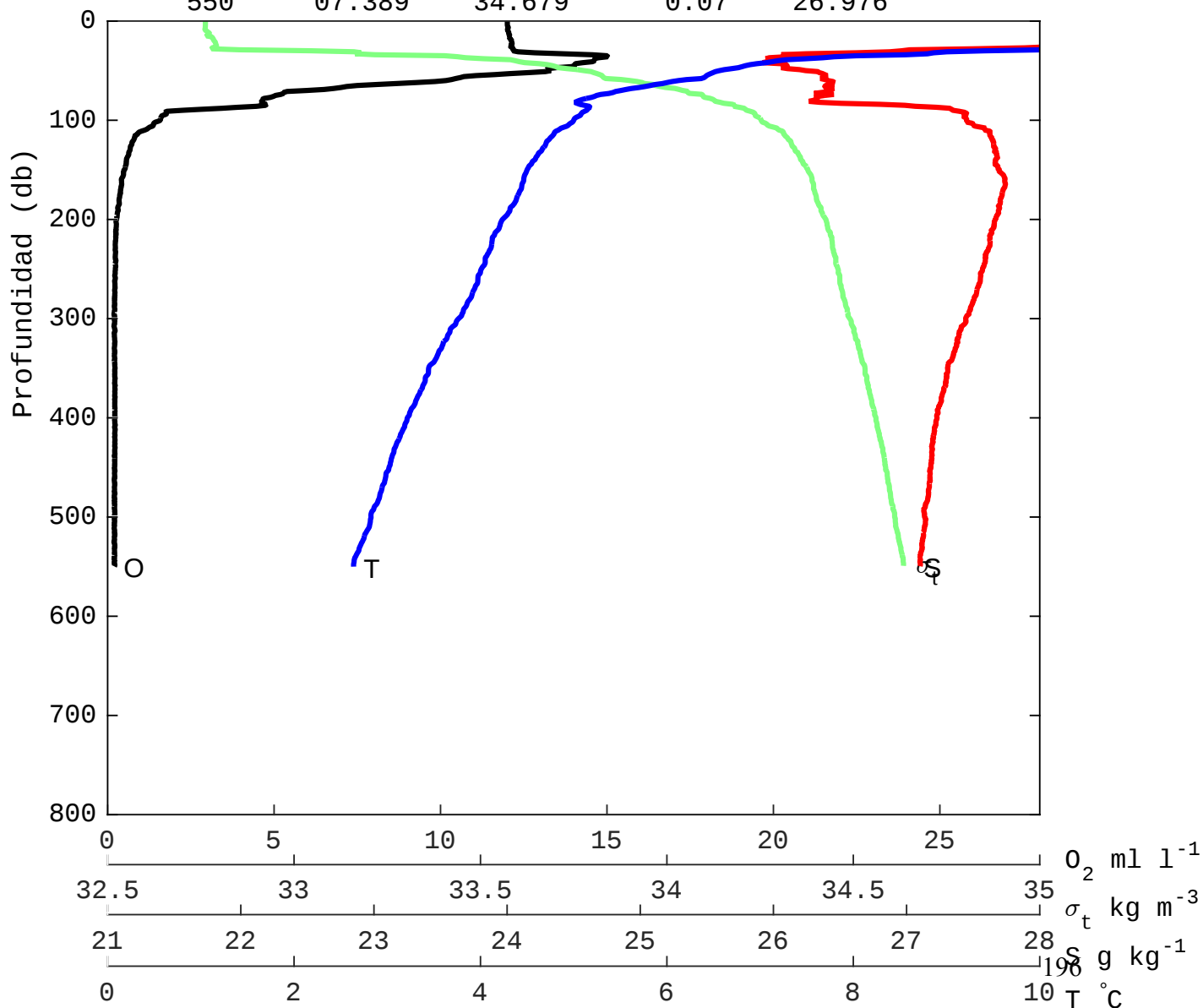
0	29.925	35.000	4.36	21.629
10	29.430	34.973	4.44	21.776
20	29.301	34.970	4.46	21.817
30	25.941	34.460	5.29	22.522
50	18.640	34.323	4.84	24.471
75	14.938	34.653	1.16	25.592
100	13.964	34.768	0.60	25.888
125	13.198	34.836	0.33	26.097
150	12.837	34.889	0.20	26.209
200	11.595	34.840	0.13	26.411
250	10.952	34.808	0.11	26.504
300	10.157	34.739	0.13	26.590
400	08.715	34.671	0.12	26.773
500	07.345	34.619	0.12	26.936
550	07.006	34.635	0.10	26.996



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 150.35 200 22°51.52 -111°40.99 02092014 12:49 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

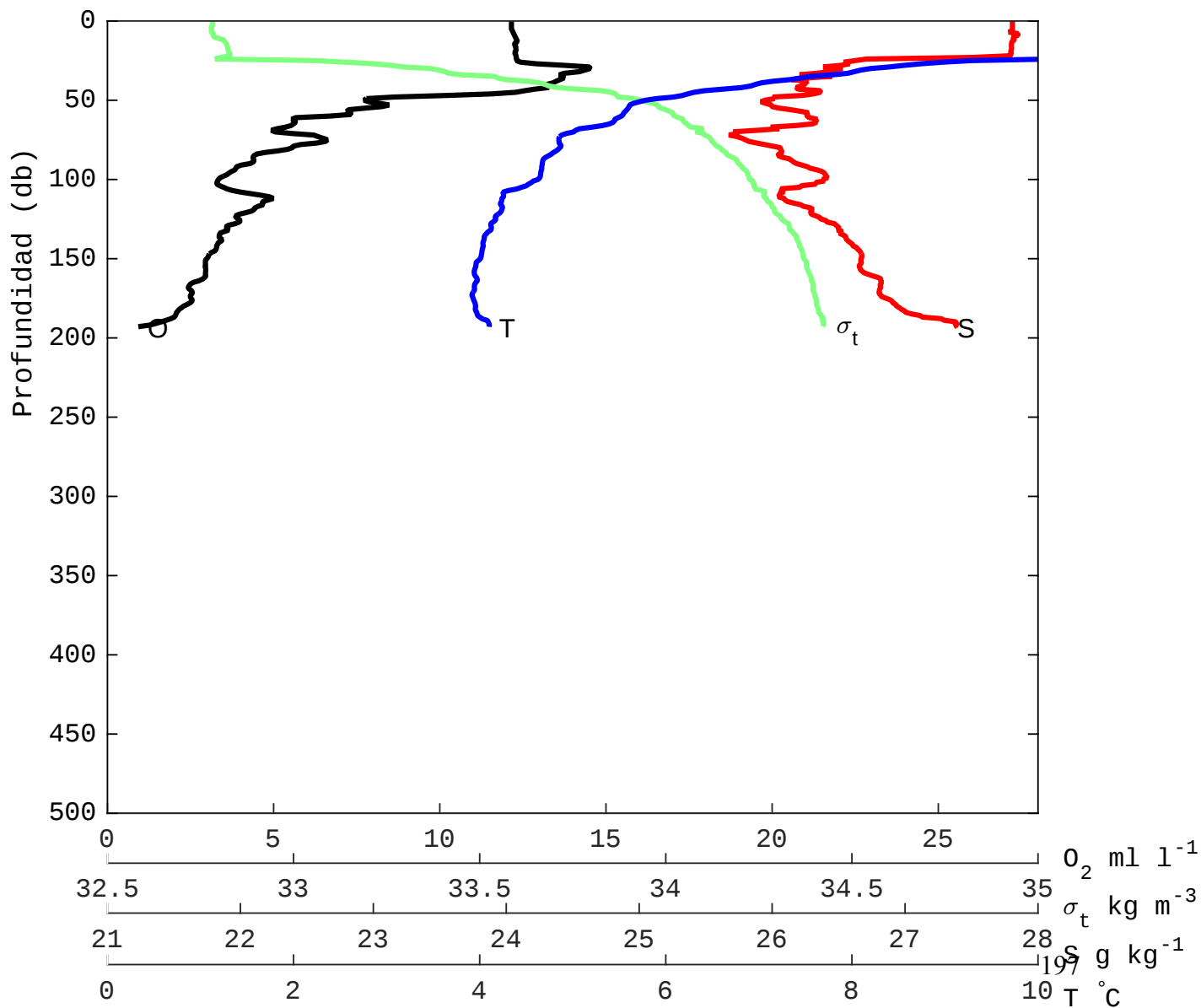
0	29.739	35.057	4.29	21.734
10	29.703	35.053	4.30	21.743
20	29.487	35.031	4.34	21.800
30	26.336	34.629	4.35	22.526
50	18.375	34.372	4.76	24.575
75	14.688	34.424	1.80	25.470
100	14.000	34.804	0.57	25.907
125	13.150	34.877	0.26	26.138
150	12.600	34.891	0.18	26.258
200	11.861	34.882	0.10	26.393
250	11.225	34.847	0.08	26.484
300	10.542	34.801	0.07	26.571
400	09.003	34.725	0.08	26.769
500	07.912	34.691	0.08	26.910
550	07.389	34.679	0.07	26.976



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 150.40 201 22°41.49 -111°59.68 02092014 16:21 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

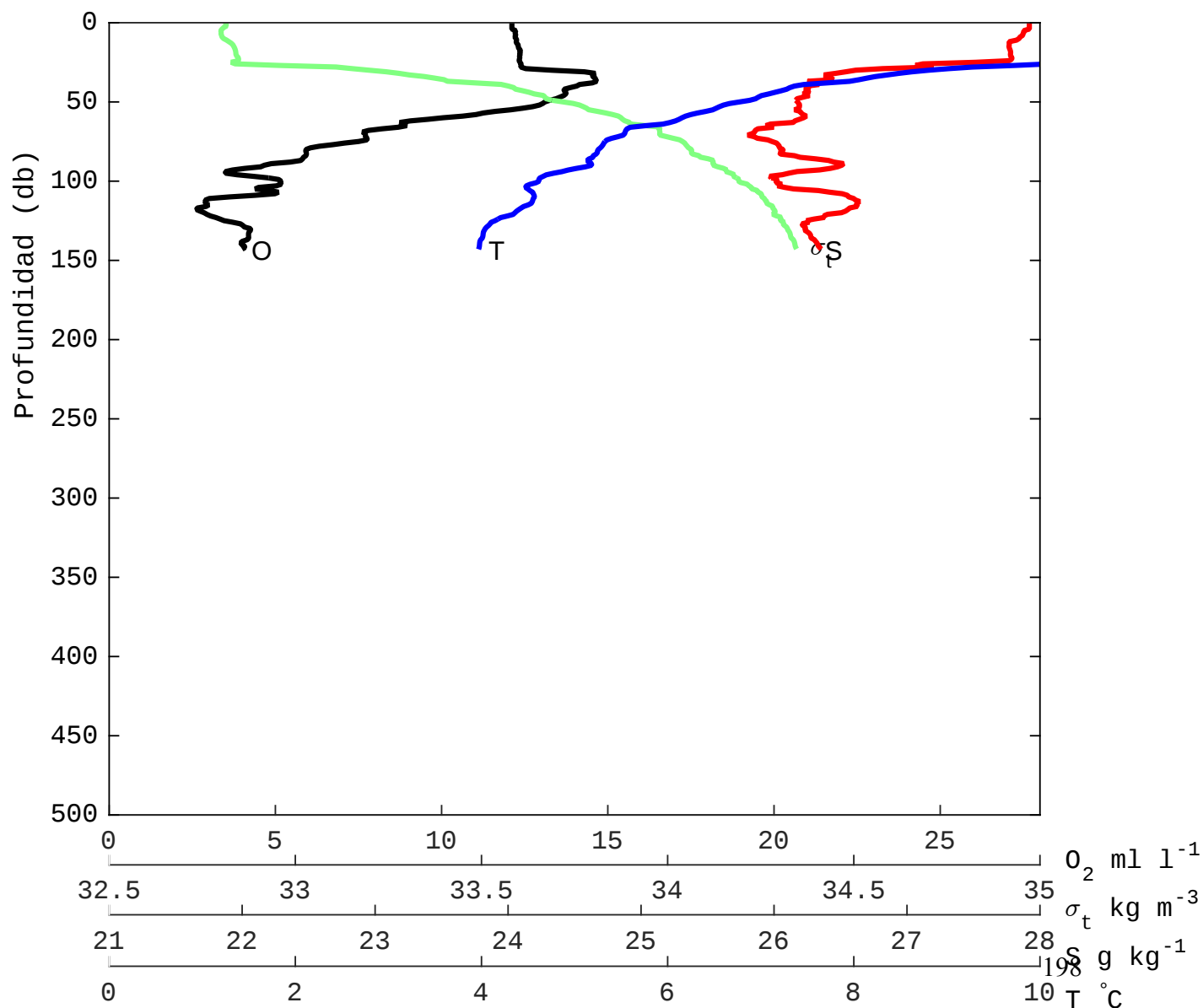
0	29.297	34.931	4.34	21.790
10	29.273	34.931	4.38	21.798
20	28.910	34.927	4.37	21.916
30	22.955	34.475	5.19	23.426
50	16.195	34.267	2.76	25.015
75	13.584	34.214	2.36	25.541
100	12.953	34.421	1.19	25.827
125	11.689	34.416	1.41	26.066
150	11.223	34.526	1.07	26.237
193	11.483	34.774	0.33	26.380



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 150.45 202 22°31.33 -112°18.20 02092014 19:27 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

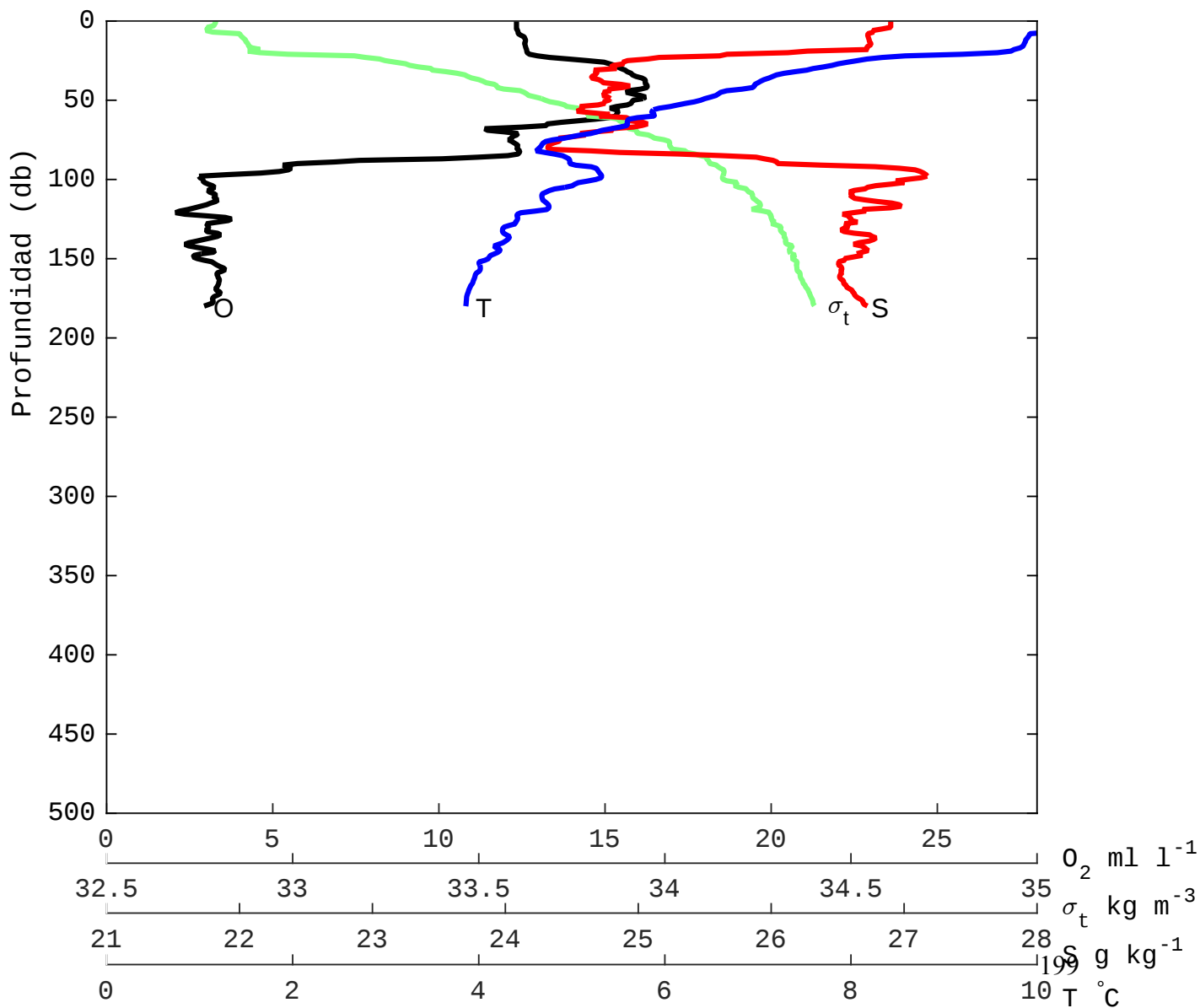
0	29.126	34.971	4.33	21.877
10	29.115	34.944	4.37	21.860
20	28.783	34.921	4.42	21.954
30	24.645	34.505	4.75	22.952
50	18.963	34.349	4.68	24.409
75	14.916	34.280	2.68	25.310
100	12.933	34.292	1.85	25.731
125	11.604	34.373	1.23	26.049
143	11.111	34.413	1.43	26.170



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 150.50 203 22°21.55 -112°36.96 02092014 22:40 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

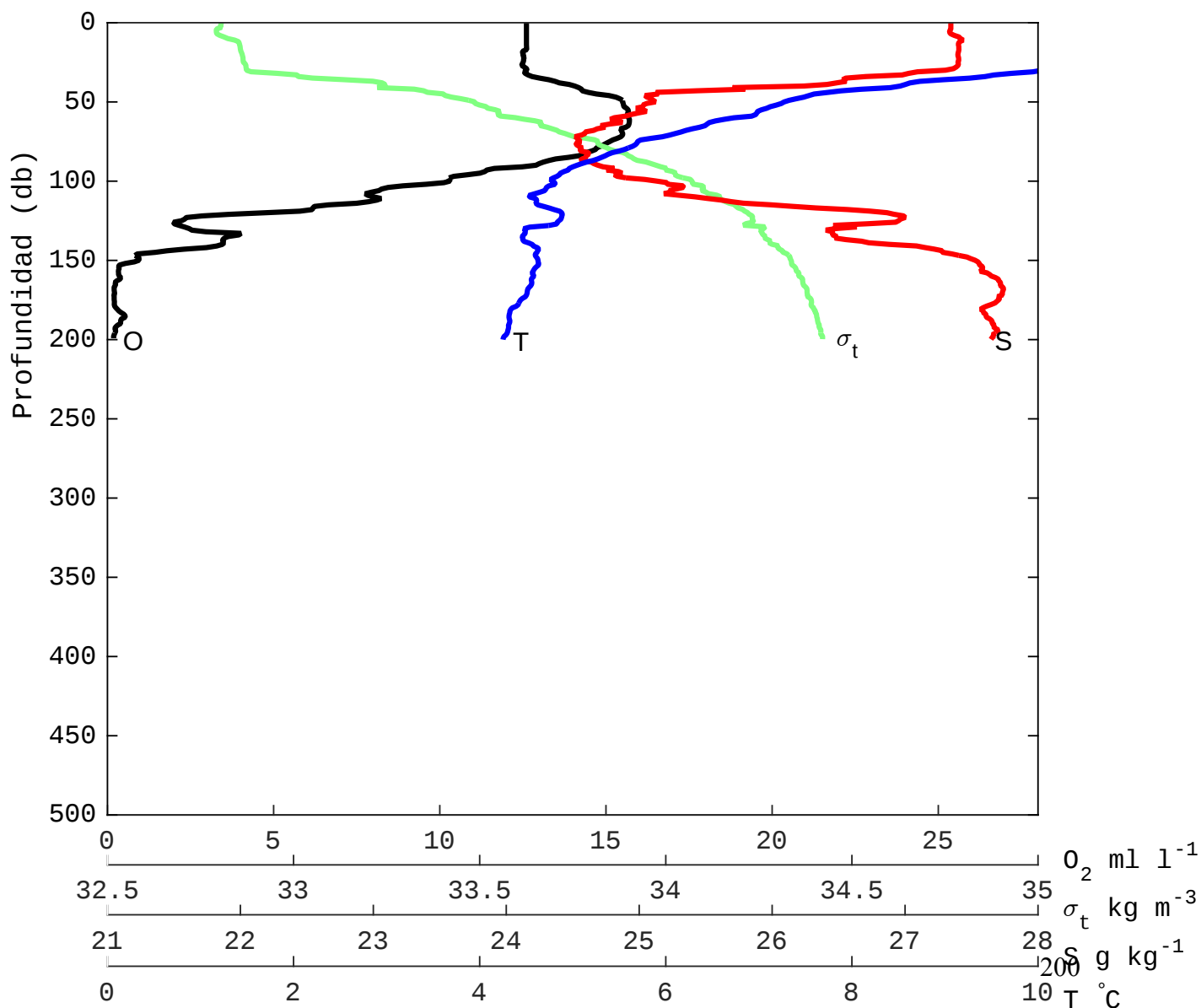
0	28.478	34.607	4.41	21.820
10	27.734	34.546	4.49	22.018
20	26.804	34.330	4.52	22.154
30	21.261	33.871	5.53	23.442
50	17.876	33.850	5.66	24.299
75	13.427	33.718	4.32	25.191
100	14.725	34.652	1.04	25.637
125	12.368	34.501	1.34	26.003
150	11.490	34.483	0.97	26.155
180	10.809	34.544	1.05	26.326



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 153.45 204 21°57.22 -111°57.00 03092014 04:05 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

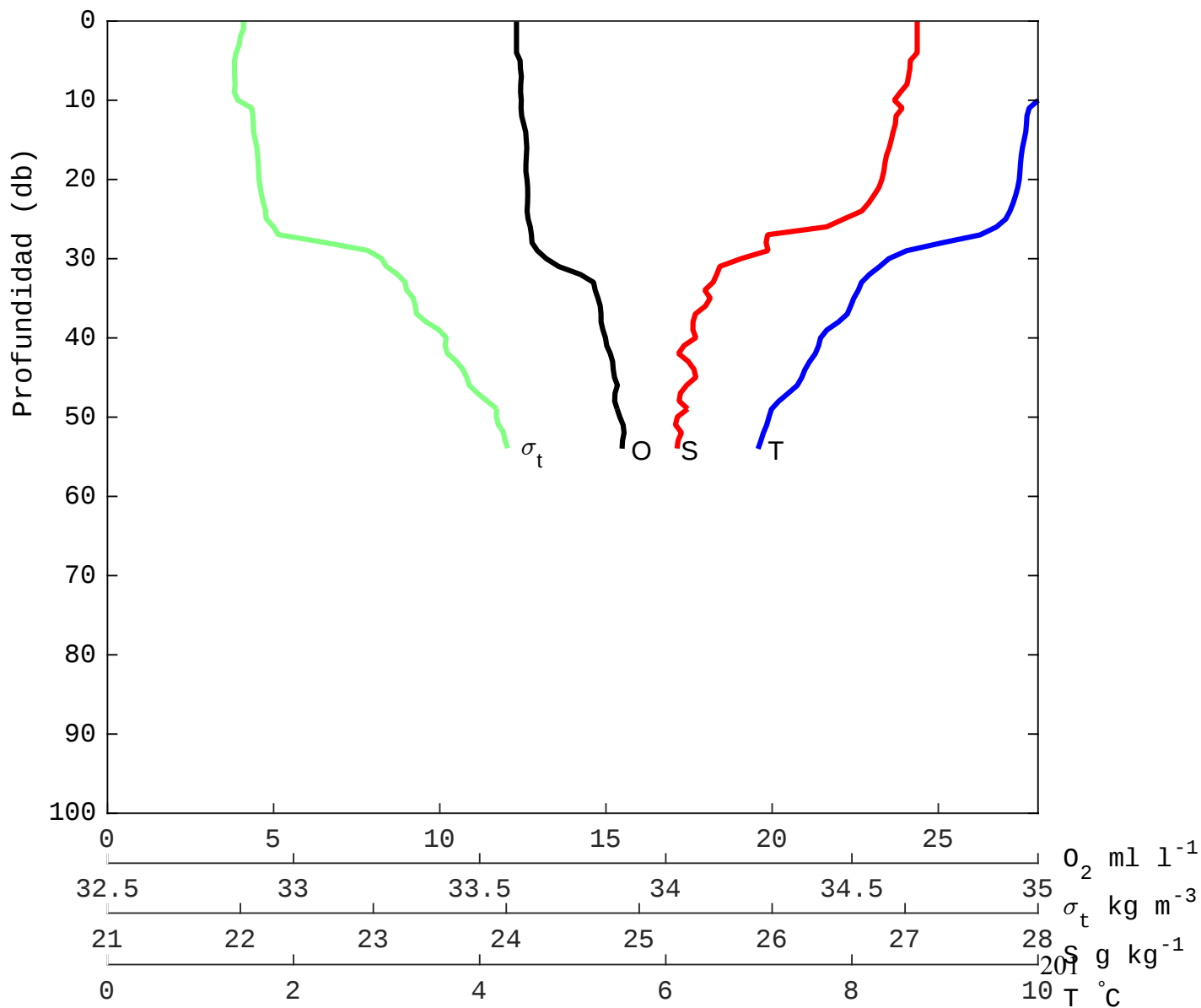
0	28.730	34.766	4.50	21.855
10	28.639	34.792	4.50	21.905
20	28.296	34.785	4.47	22.013
30	28.120	34.751	4.51	22.045
50	20.361	33.973	5.53	23.761
75	15.954	33.772	5.40	24.691
100	13.390	33.974	3.68	25.395
125	13.584	34.626	0.80	25.856
150	12.954	34.831	0.34	26.141
200	11.901	34.874	0.07	26.379



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 153.40 205 22°07.23 -111°38.80 03092014 07:10 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

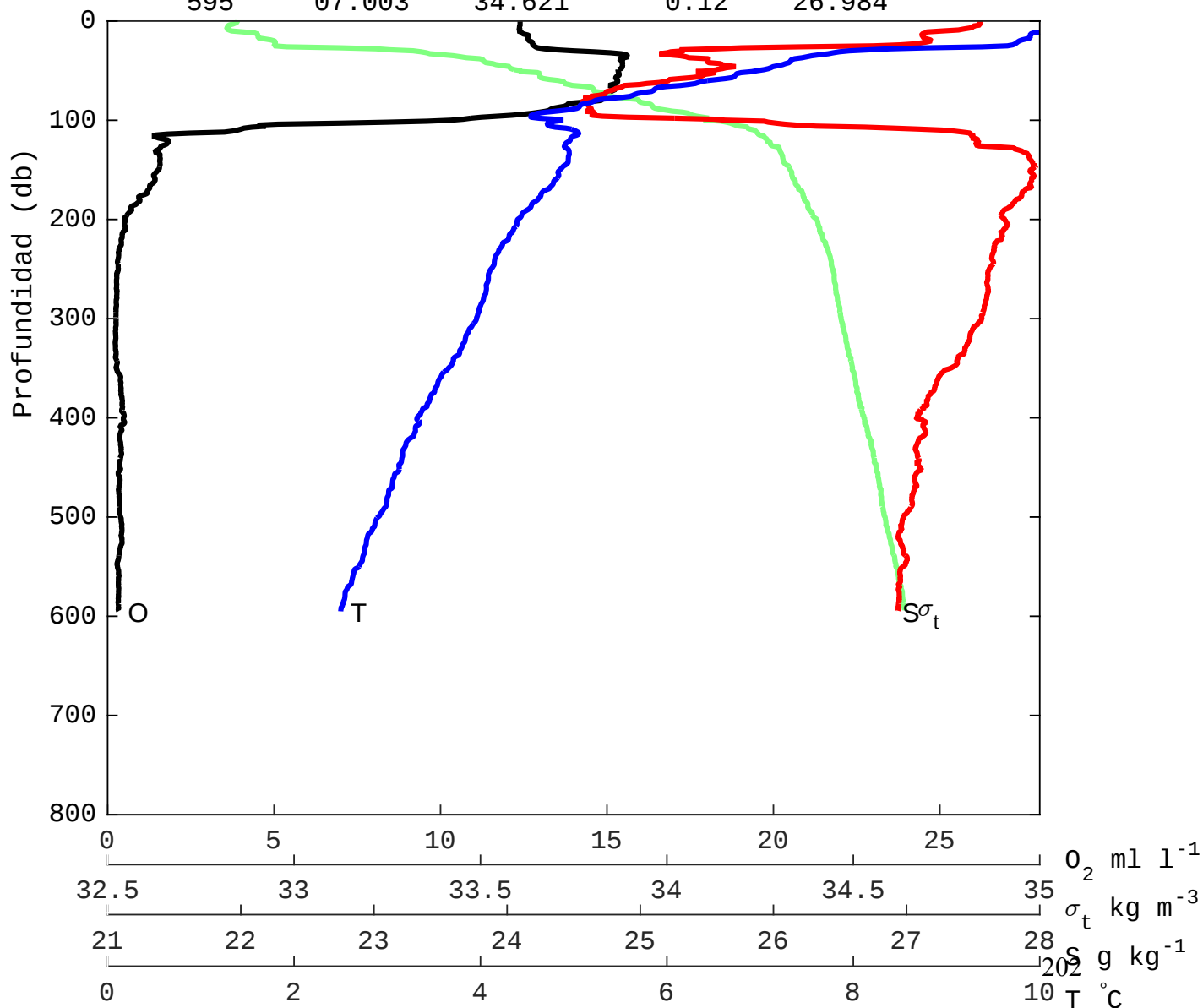
0	28.014	34.675	4.40	22.024
10	28.005	34.614	4.45	21.981
20	27.436	34.581	4.51	22.140
30	23.509	34.203	4.71	23.060
50	19.904	34.031	5.51	23.926
54	19.576	34.030	5.53	24.010



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 153.35 206 22°17.37 -111°19.96 03092014 10:07 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

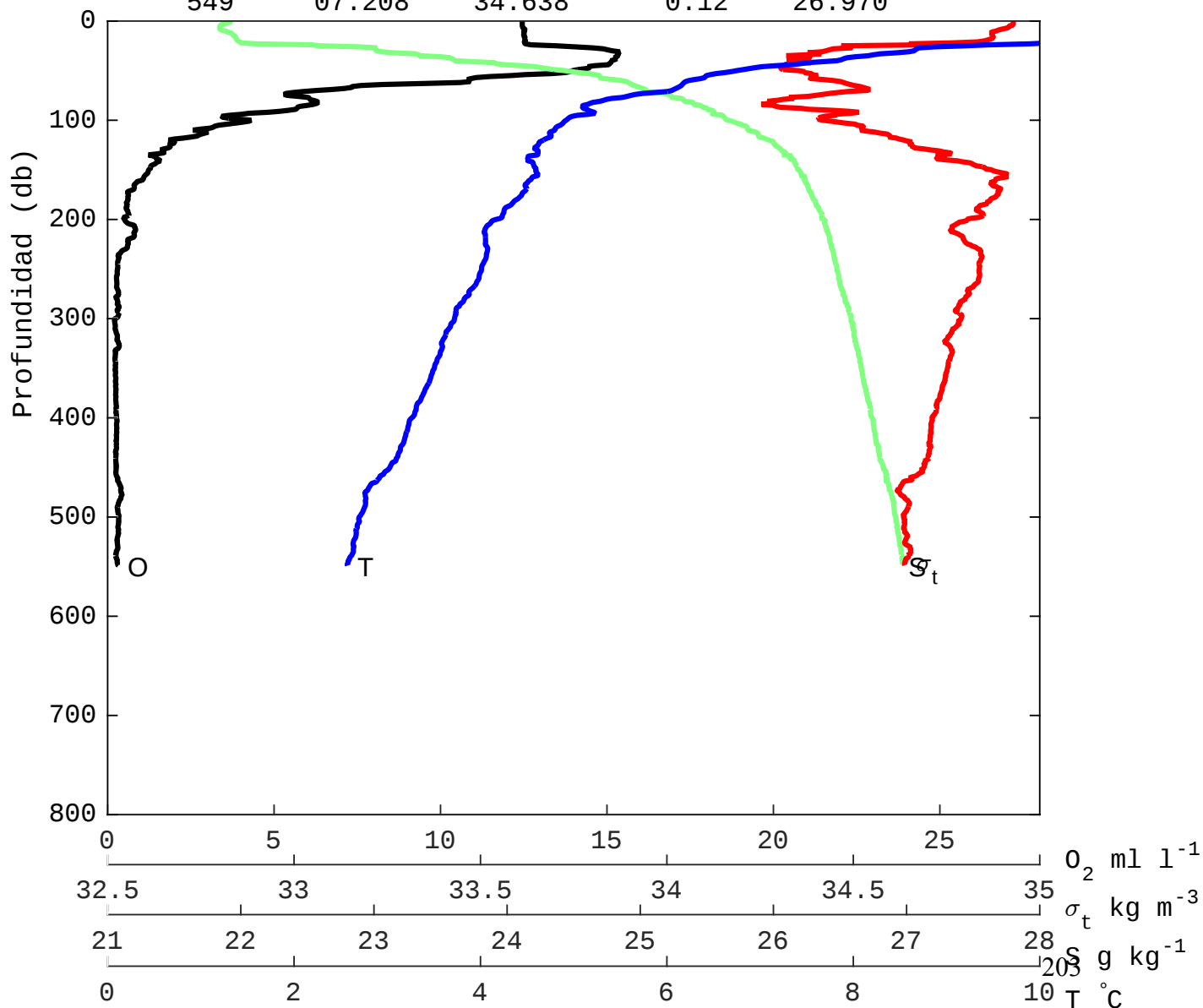
0	28.538	34.839	4.42	21.974
10	28.439	34.738	4.40	21.931
20	27.388	34.709	4.52	22.252
30	22.282	34.047	4.99	23.294
50	19.514	34.125	5.48	24.098
75	15.772	33.818	5.34	24.767
100	13.686	34.156	3.68	25.474
125	13.745	34.828	0.61	25.979
150	13.587	34.976	0.55	26.125
200	12.315	34.907	0.18	26.326
250	11.519	34.864	0.12	26.443
300	11.082	34.844	0.09	26.508
400	09.300	34.669	0.17	26.678
500	08.121	34.637	0.14	26.837
595	07.003	34.621	0.12	26.984



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 153.30 207 22°27.36 -111°01.38 03092014 13:38 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

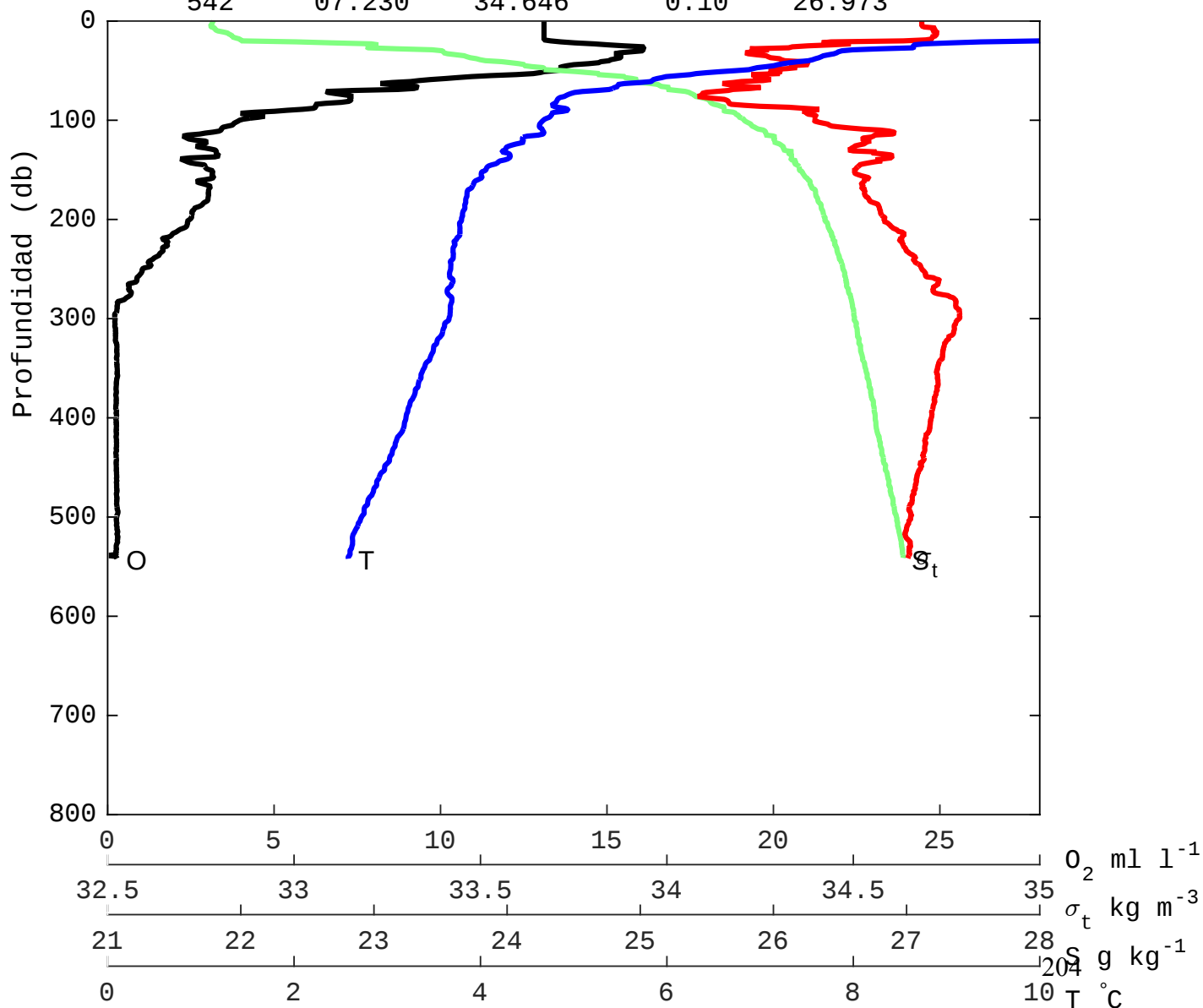
0	28.897	34.929	4.45	21.922
10	28.918	34.884	4.47	21.881
20	28.552	34.851	4.48	21.978
30	24.228	34.426	5.41	23.017
50	18.889	34.353	4.99	24.431
75	15.711	34.398	1.93	25.225
100	13.771	34.417	1.54	25.657
125	12.925	34.661	0.65	26.017
150	12.862	34.870	0.44	26.190
200	11.663	34.804	0.18	26.371
250	11.232	34.838	0.11	26.476
300	10.420	34.789	0.08	26.583
400	09.136	34.711	0.10	26.738
500	07.558	34.636	0.12	26.919
549	07.208	34.638	0.12	26.970



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 153.25 208 22°37.40 -110°42.69 03092014 16:49 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

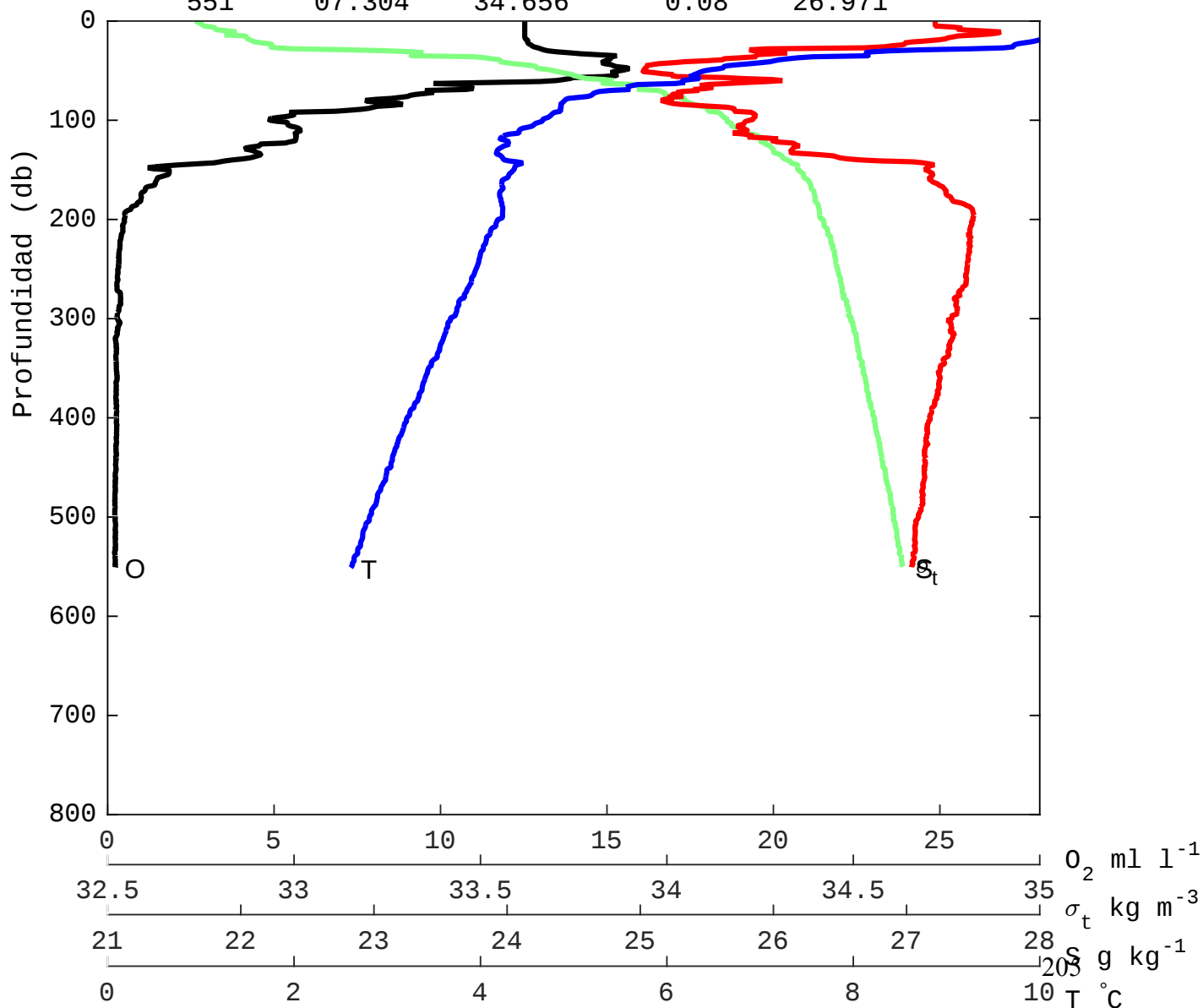
0	28.736	34.684	4.68	21.792
10	28.692	34.712	4.68	21.828
20	27.983	34.634	4.75	22.003
30	22.056	34.251	5.74	23.511
50	18.860	34.304	4.81	24.401
75	13.776	34.094	2.59	25.409
100	13.089	34.395	1.42	25.779
125	12.151	34.515	1.00	26.056
150	11.368	34.505	1.09	26.194
200	10.633	34.583	0.88	26.386
250	10.304	34.684	0.37	26.522
300	10.255	34.785	0.07	26.608
400	08.961	34.710	0.09	26.764
500	07.629	34.653	0.10	26.922
542	07.230	34.646	0.10	26.973



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 153.20 209 22°47.47 -110°24.02 03092014 20:05 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

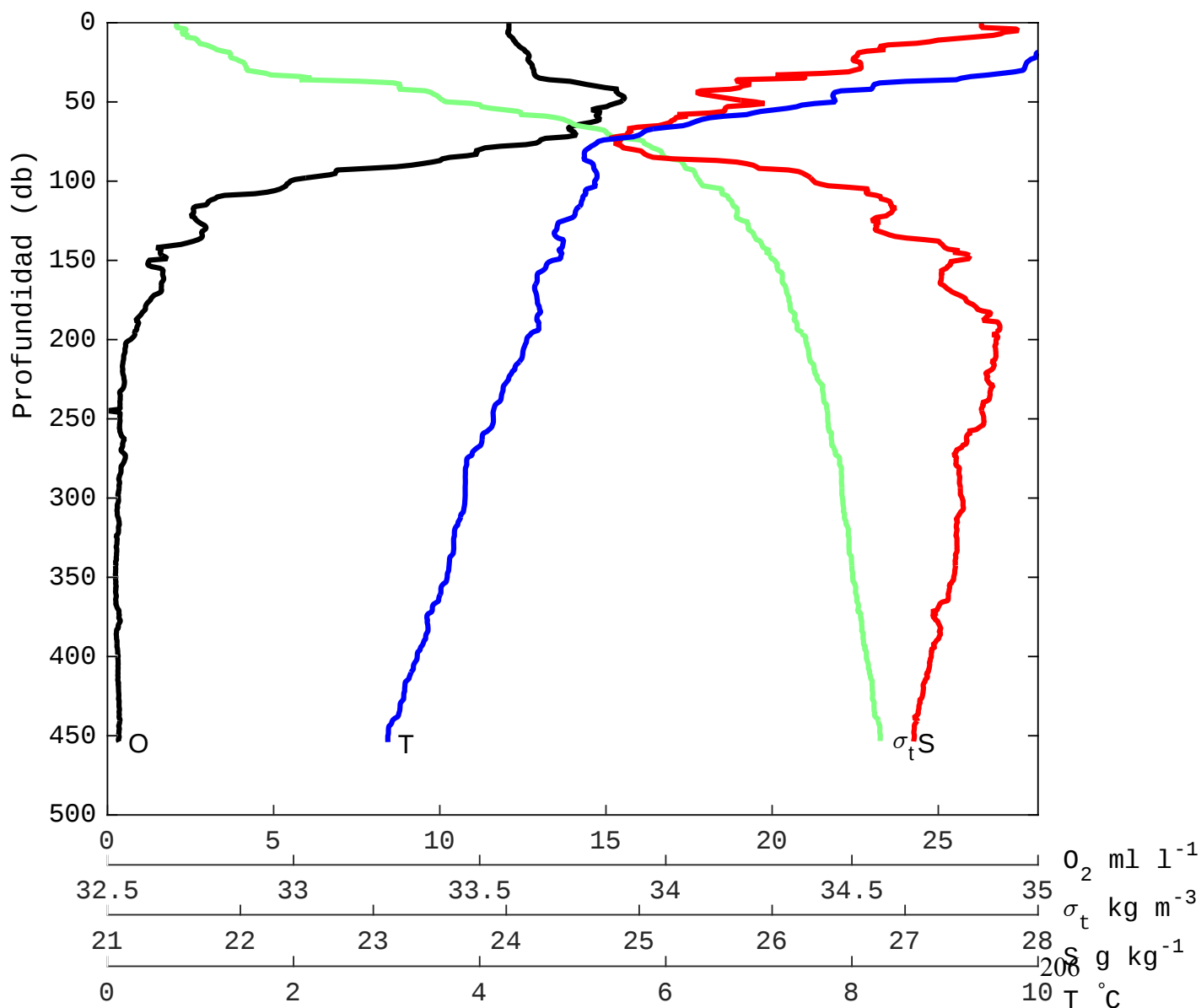
0	29.188	34.719	4.47	21.668
10	28.759	34.851	4.47	21.910
20	27.880	34.697	4.51	22.084
30	23.488	34.232	4.72	23.088
50	17.945	33.935	5.50	24.347
75	14.525	34.014	3.24	25.190
100	13.066	34.224	1.74	25.652
125	11.995	34.345	1.63	25.954
150	12.200	34.691	0.66	26.181
200	11.730	34.823	0.18	26.372
250	11.065	34.805	0.11	26.481
300	10.295	34.764	0.11	26.585
400	08.992	34.705	0.09	26.755
500	07.867	34.675	0.08	26.904
551	07.304	34.656	0.08	26.971



ESTACION LANCE LATITUD LONGITUD DDMMAAAA H[GMT] PROFTOT PROFLAN
 153.15 210 22°55.28 -110°09.13 03092014 23:01 NaN NaN

PRES(db) TEMP(°C) SA(gr/kg) OXI(ml/l) SIGMA-T(kg/m³)

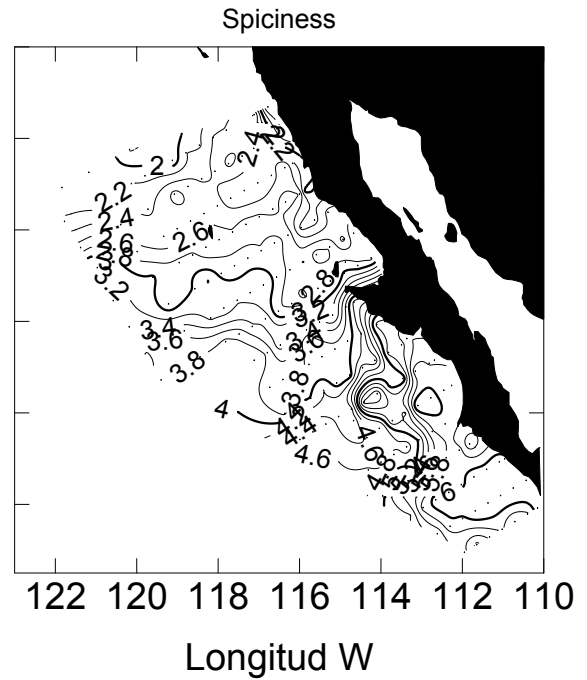
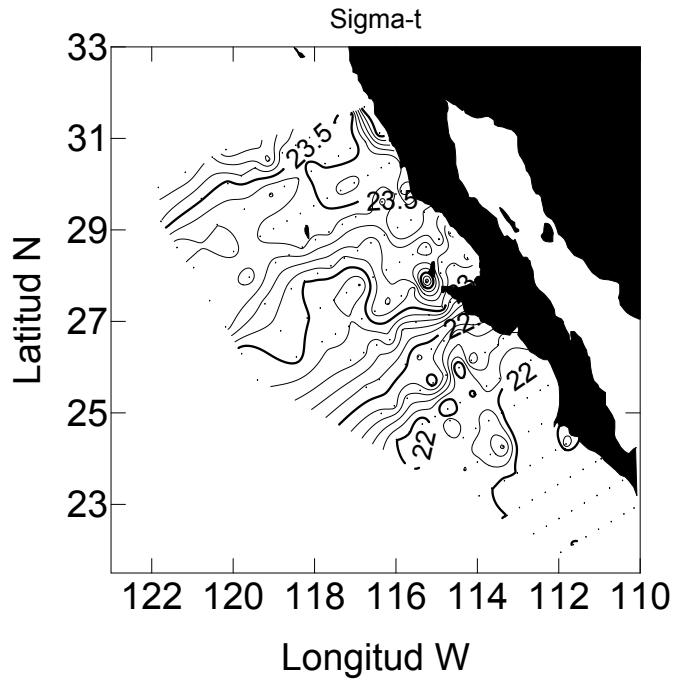
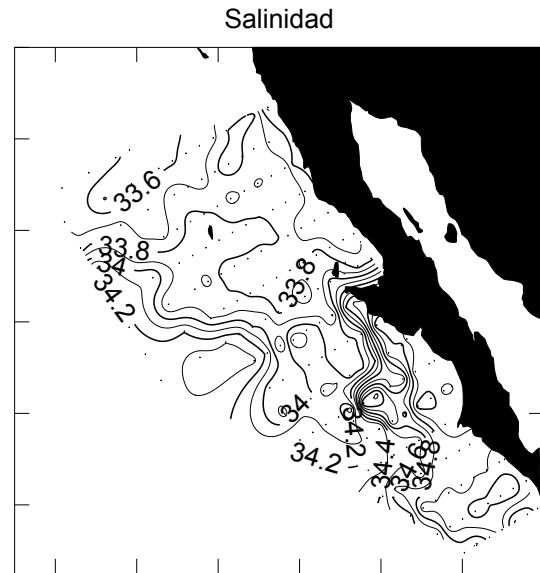
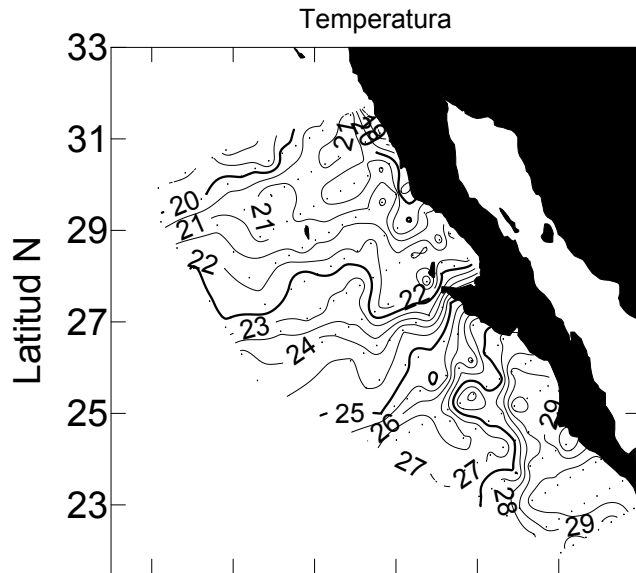
0	29.913	34.848	4.31	21.519
10	29.330	34.781	4.36	21.666
20	27.945	34.515	4.53	21.926
30	27.557	34.507	4.58	22.045
50	21.900	34.240	5.51	23.545
75	14.762	33.879	4.64	25.036
100	14.659	34.397	1.97	25.455
125	13.714	34.553	0.96	25.773
150	13.394	34.788	0.44	26.020
200	12.615	34.887	0.25	26.252
250	11.612	34.854	0.13	26.418
300	10.760	34.796	0.12	26.529
400	09.321	34.713	0.12	26.709
454	08.438	34.666	0.12	26.812

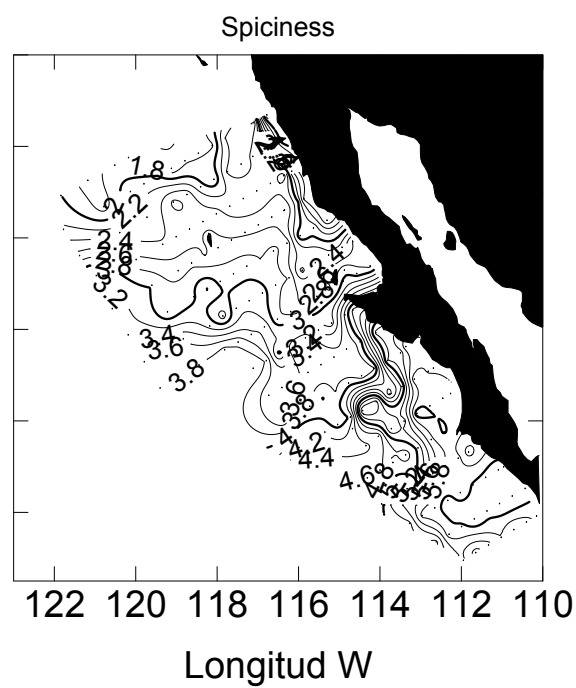
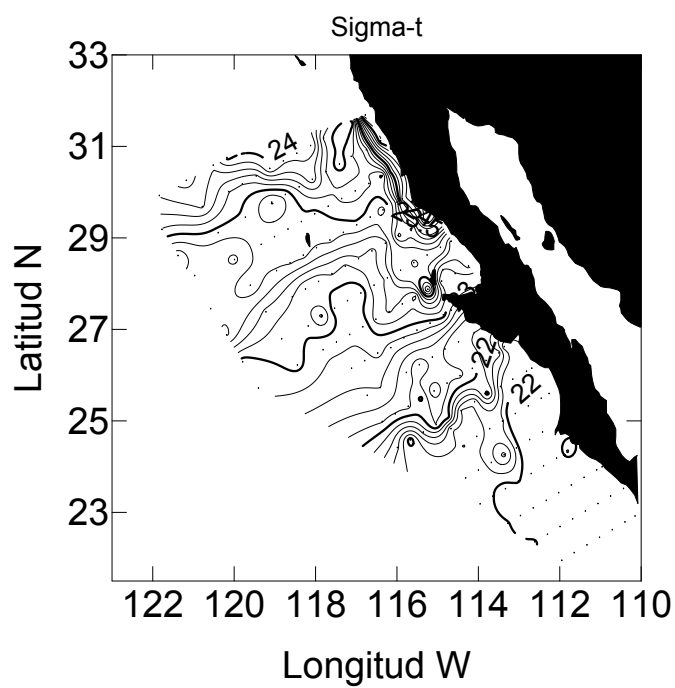
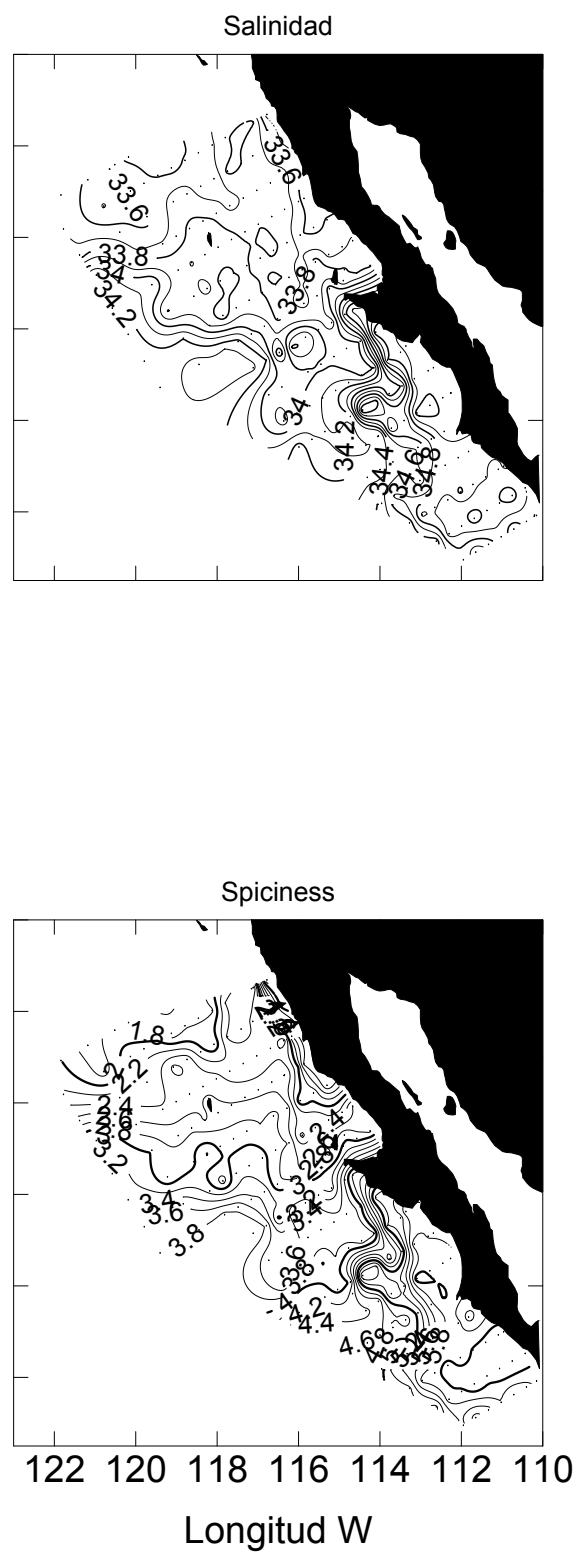
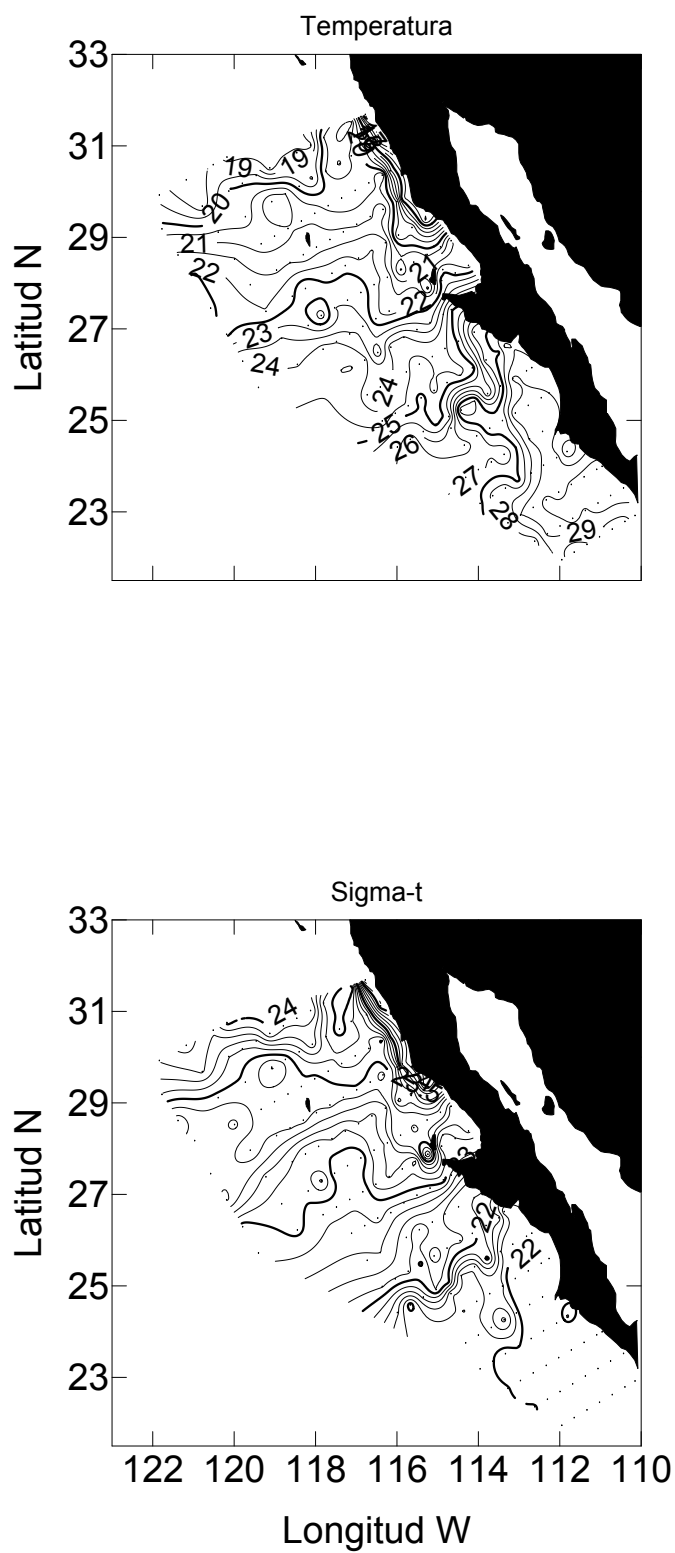


Apéndice C

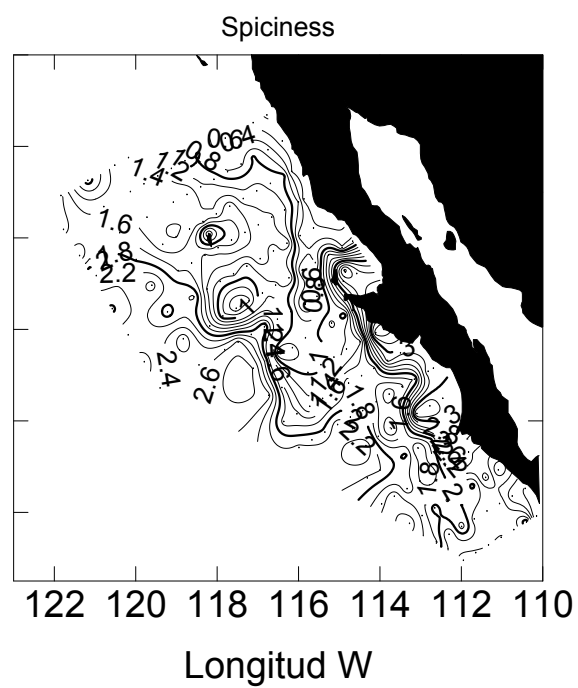
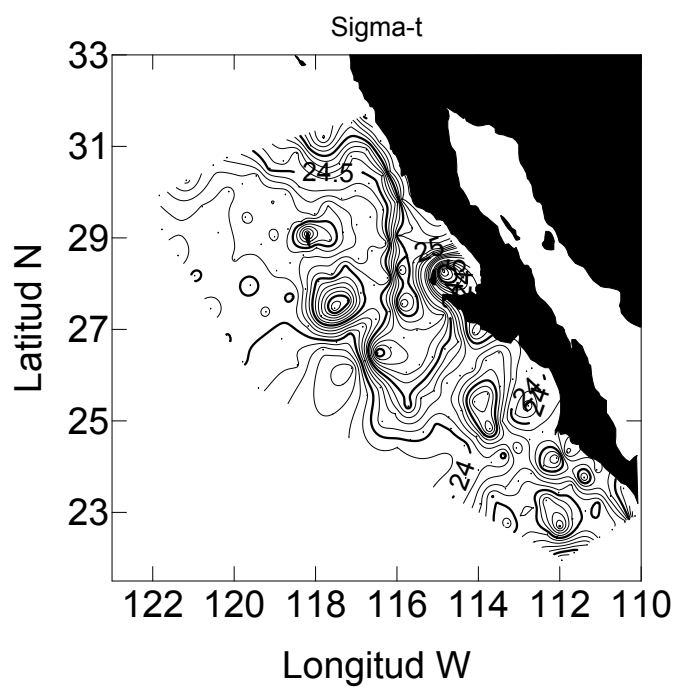
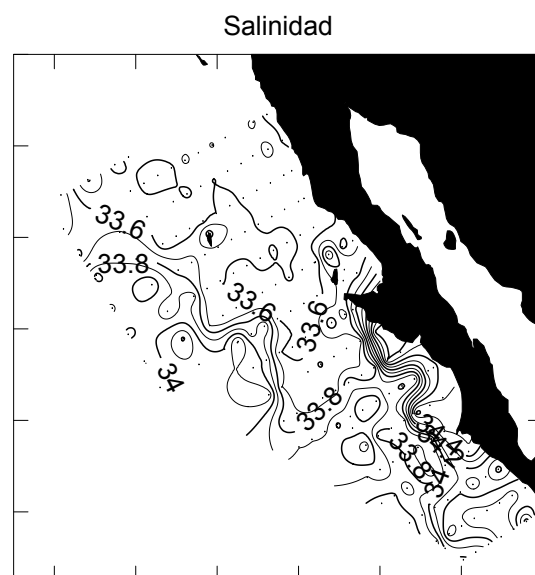
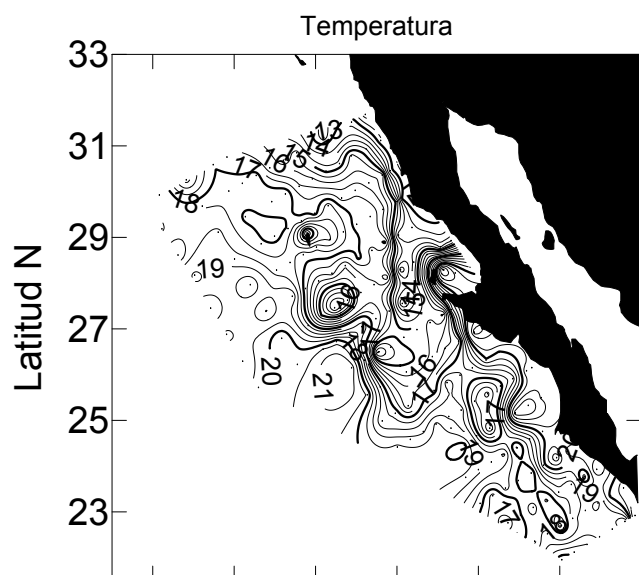
Mapas de temperatura, salinidad, sigma-t y *spiciness* para profundidades seleccionadas del muestreo.

Variables a 0m, crucero 1407

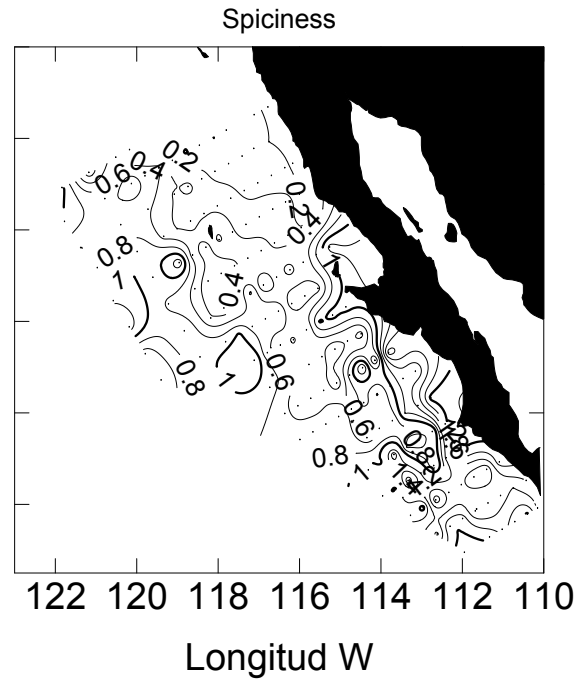
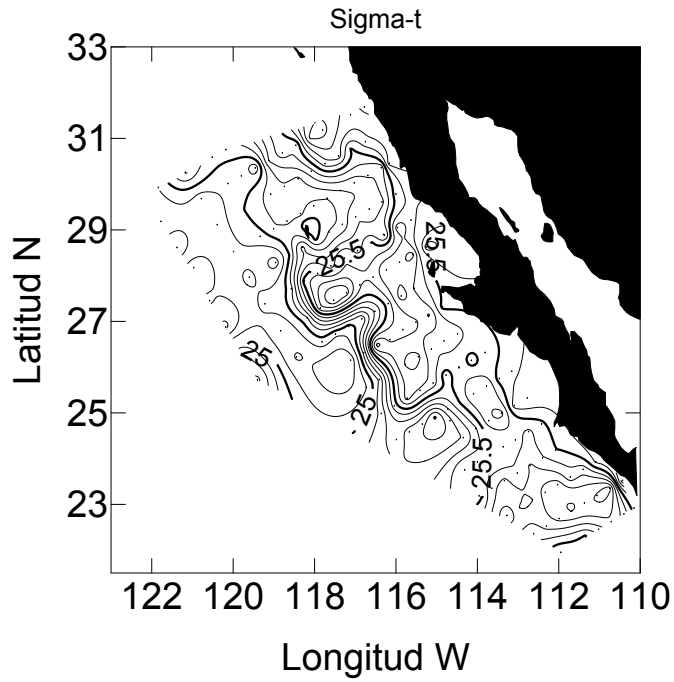
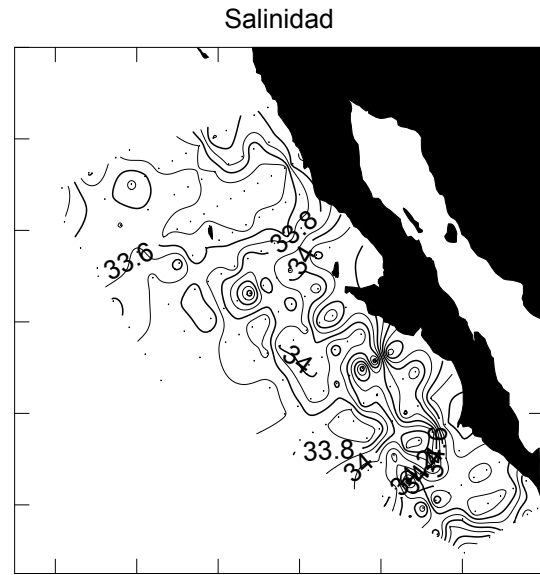
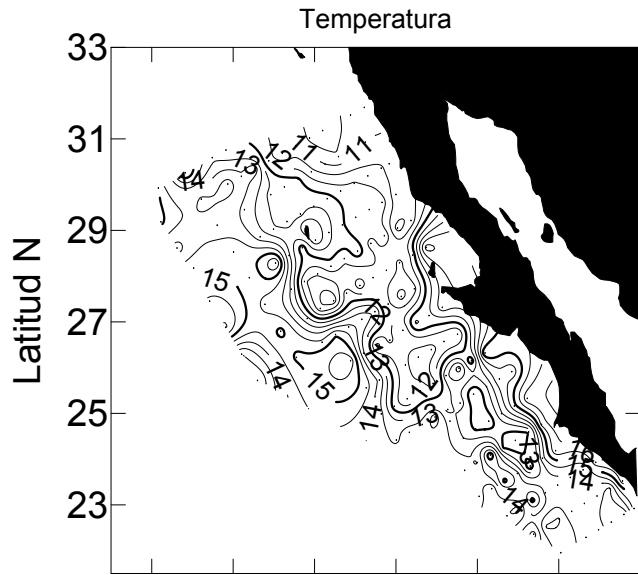




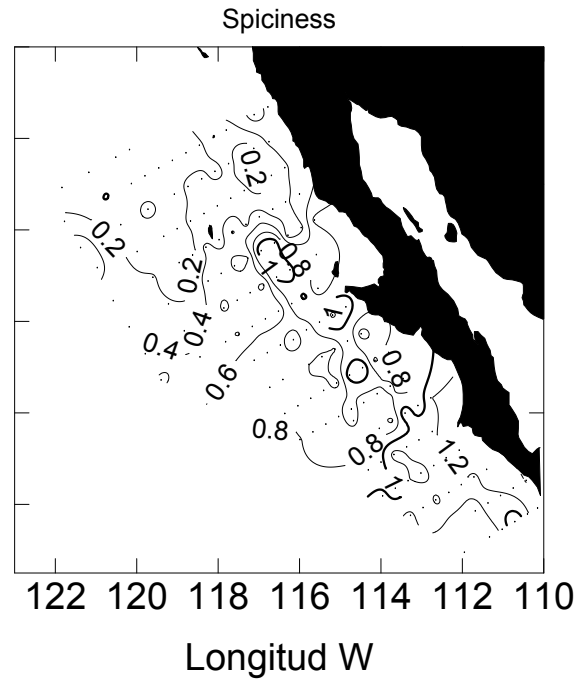
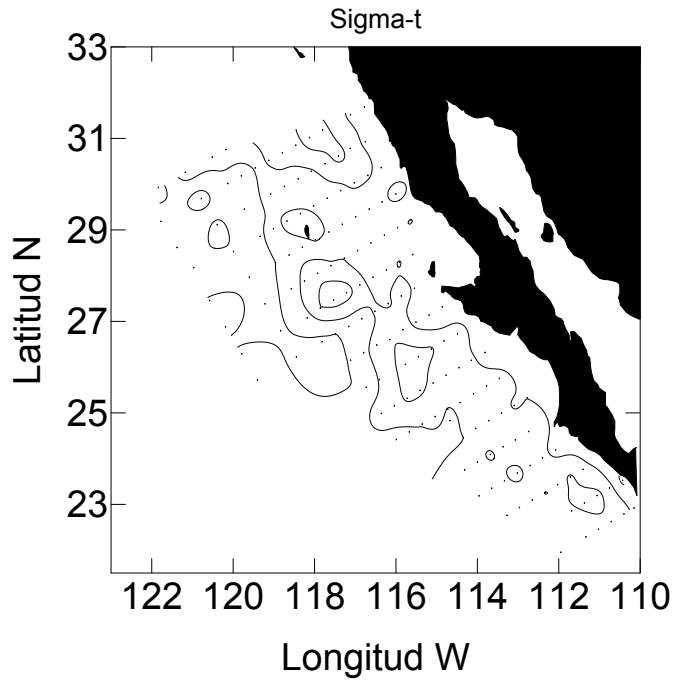
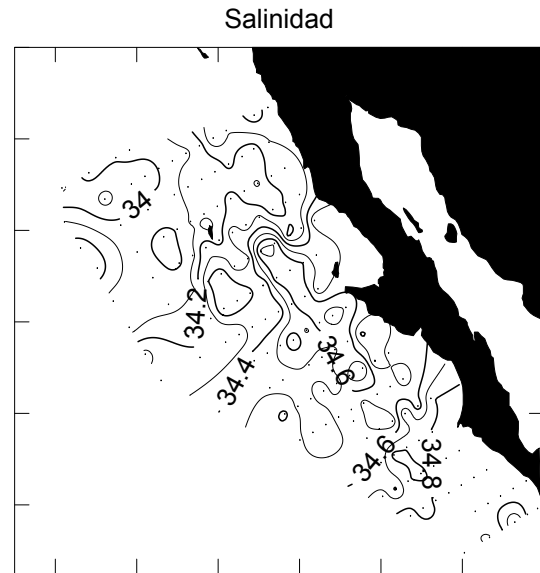
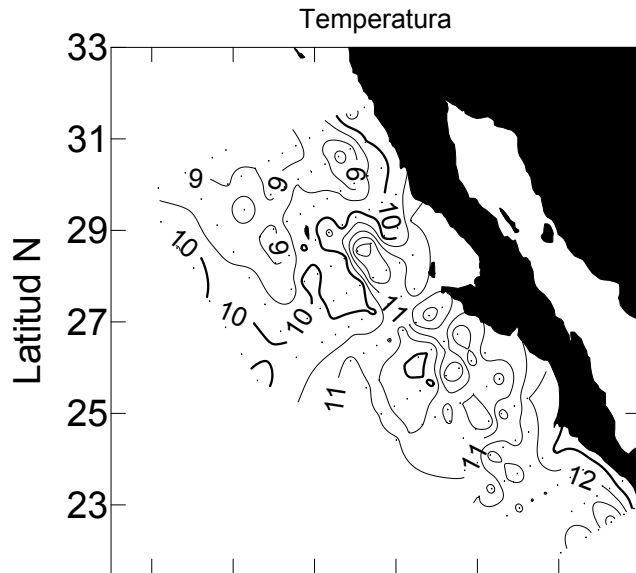
Variables a 50m, crucero 1407



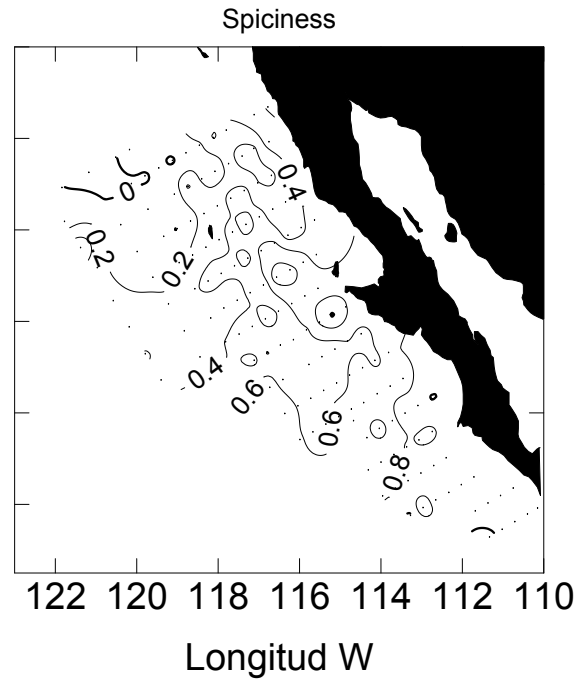
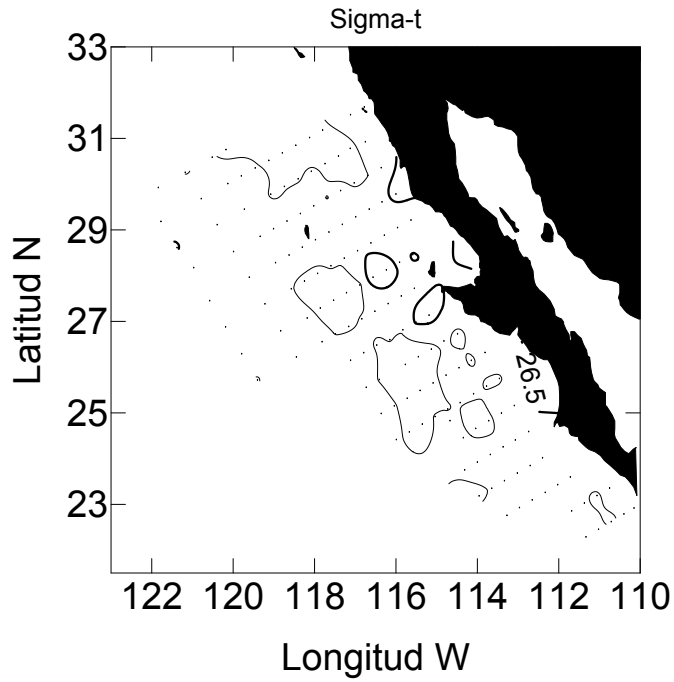
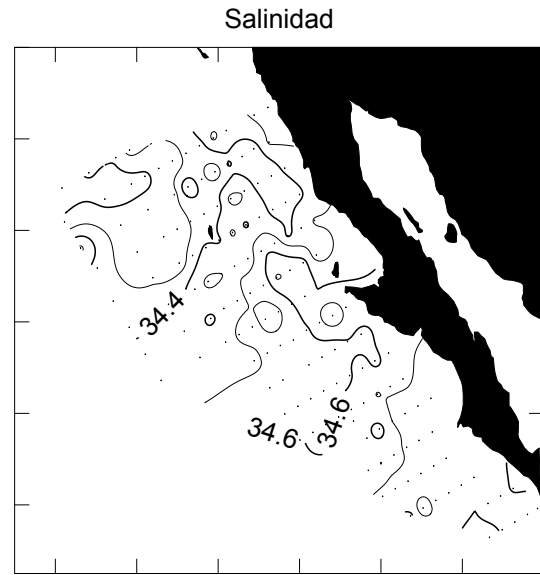
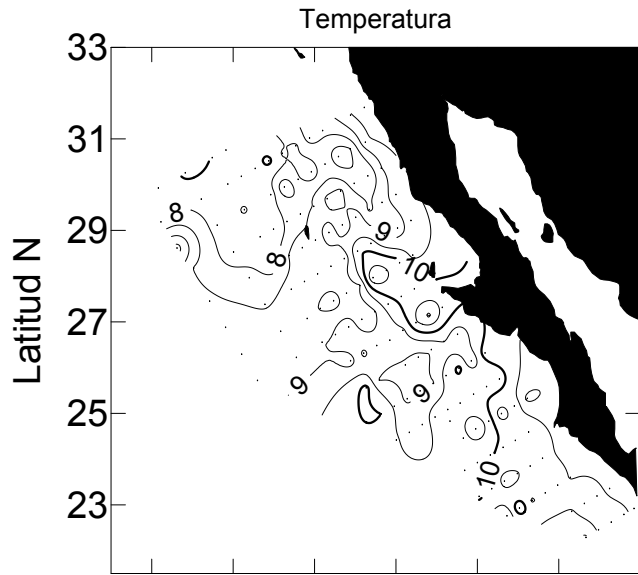
Variables a 100m, crucero 1407



Variables a 200m, crucero 1407



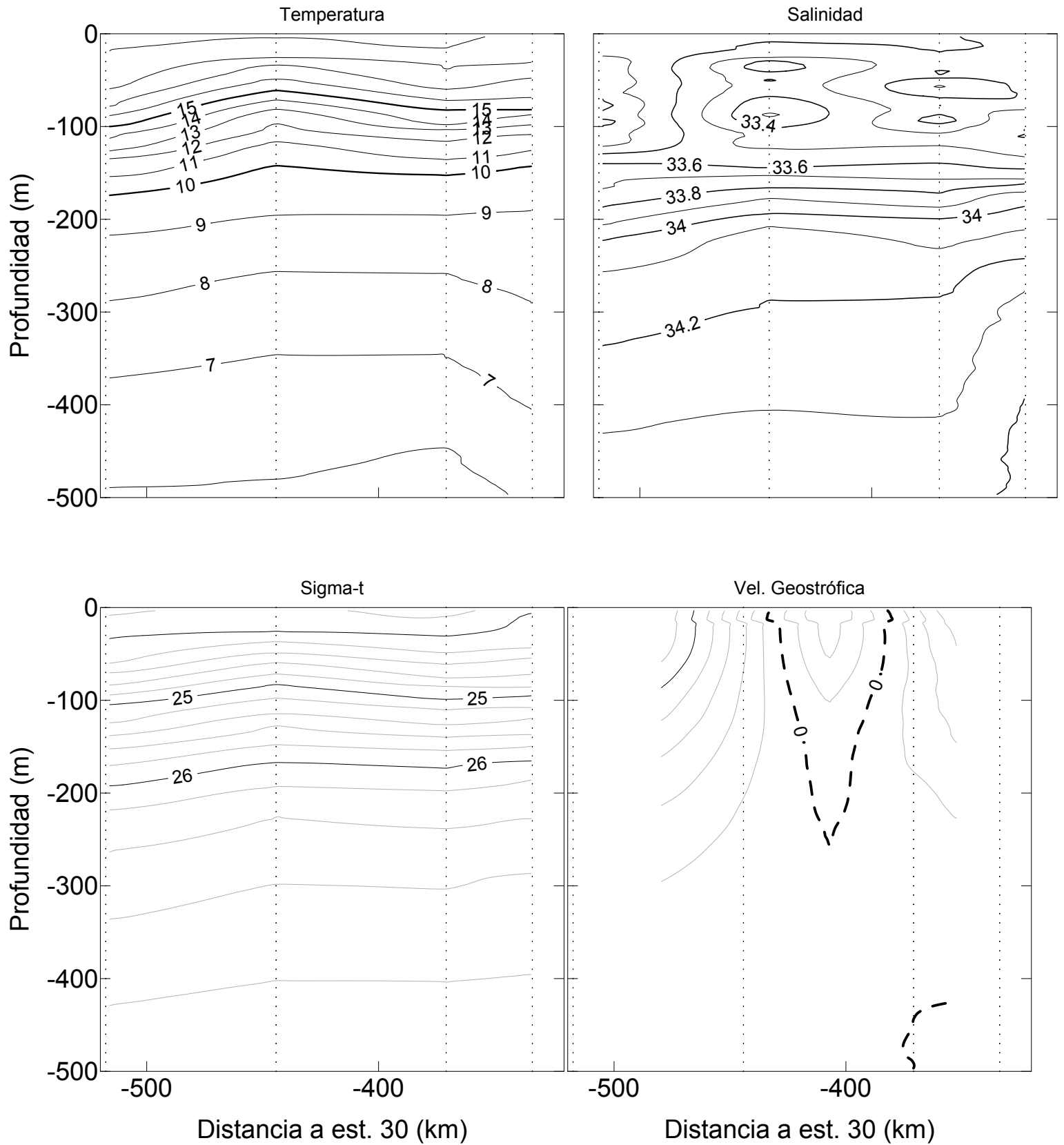
Variables a 300m, crucero 1407



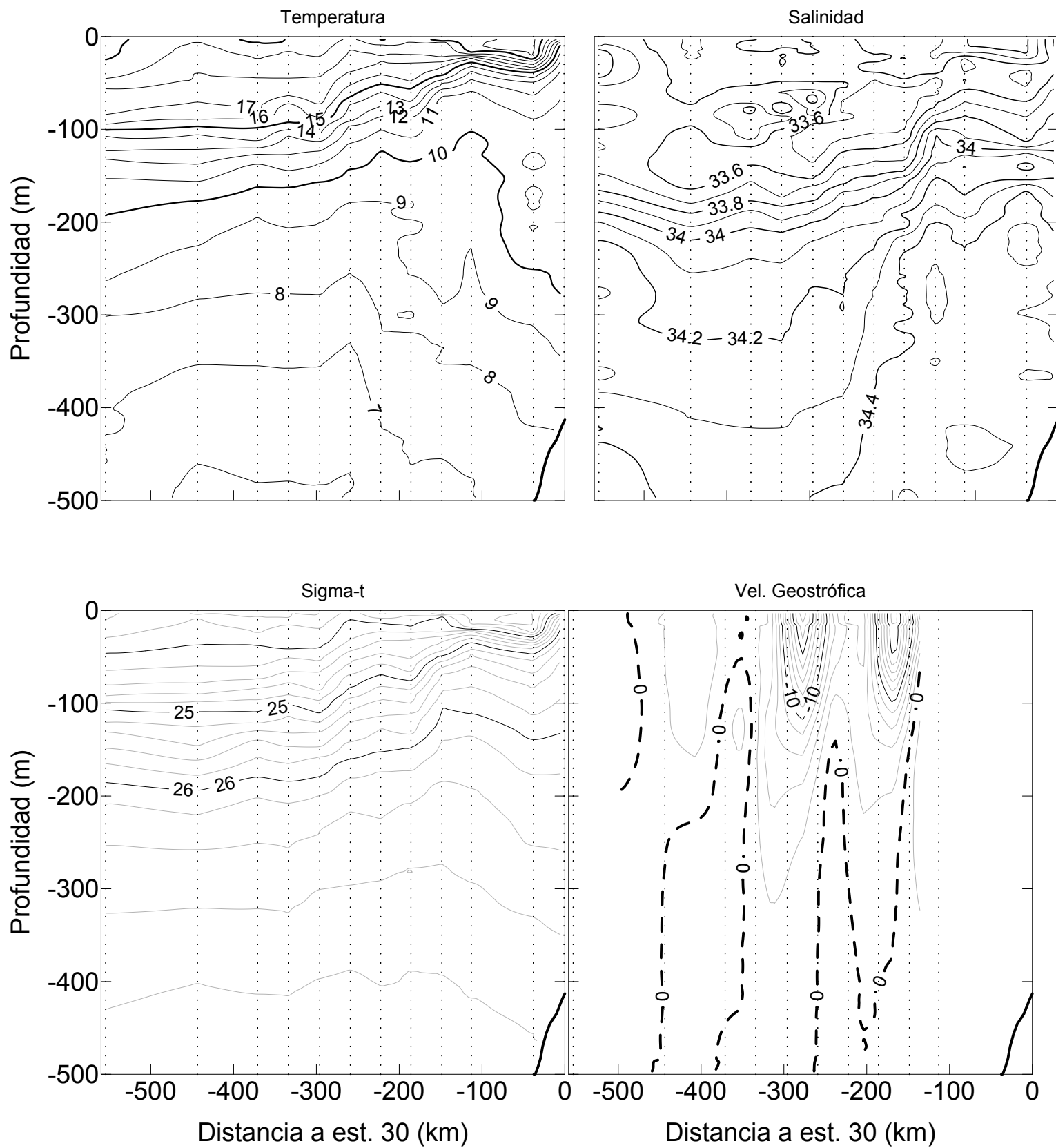
Apéndice D

Contornos verticales de temperatura, salinidad y velocidad geostrófica

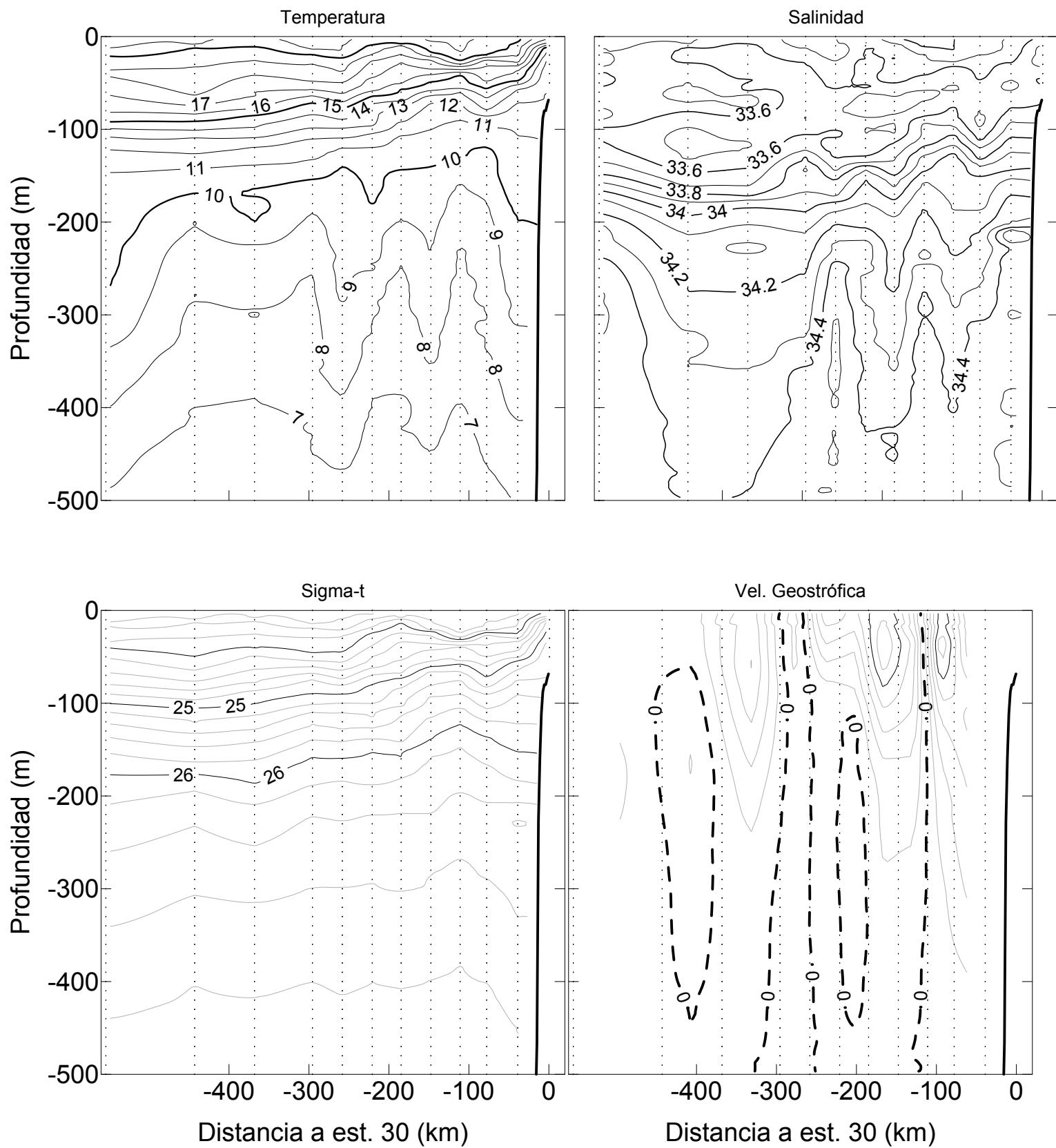
Seccion 97, crucero 1407



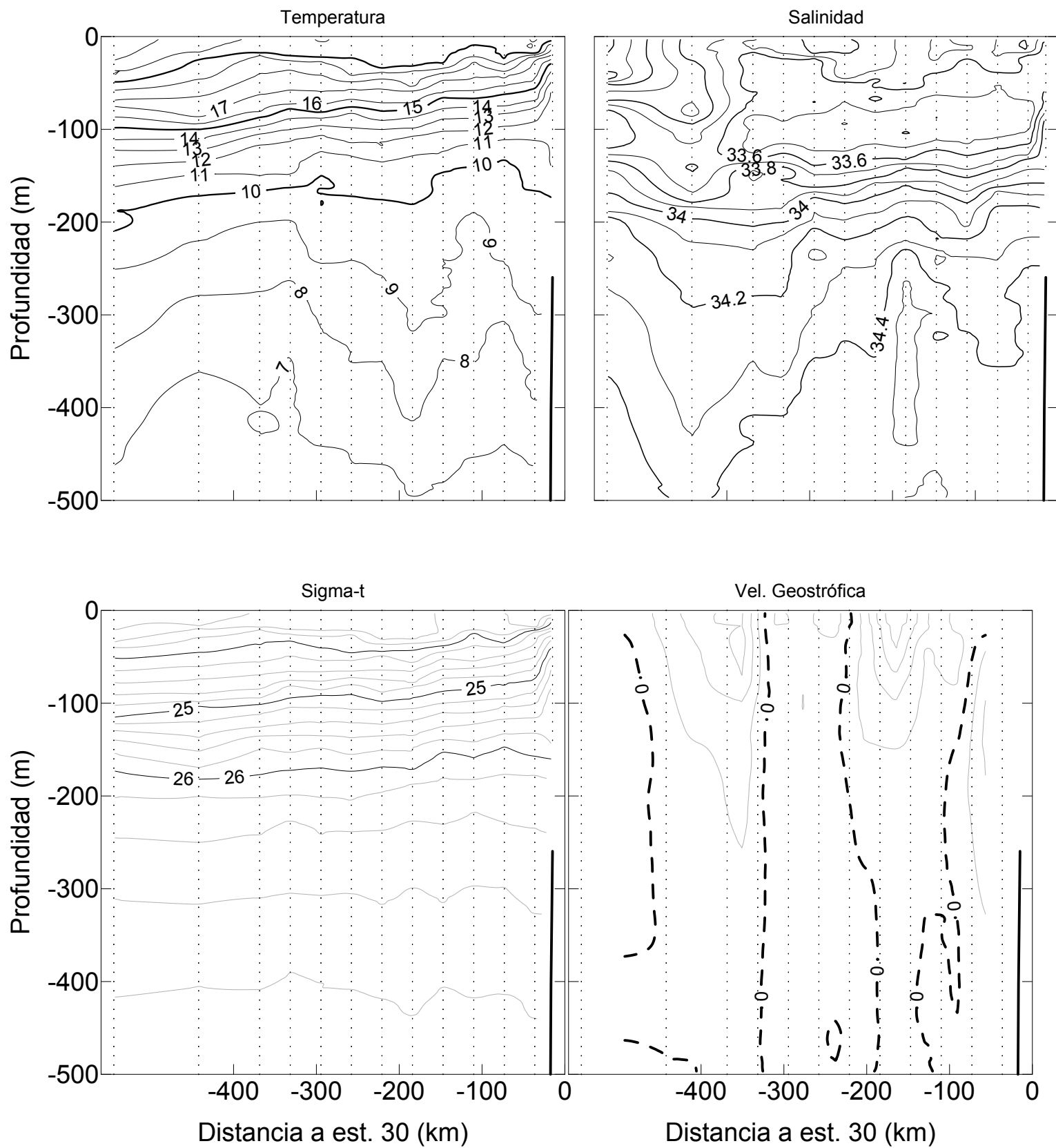
Seccion 100, crucero 1407



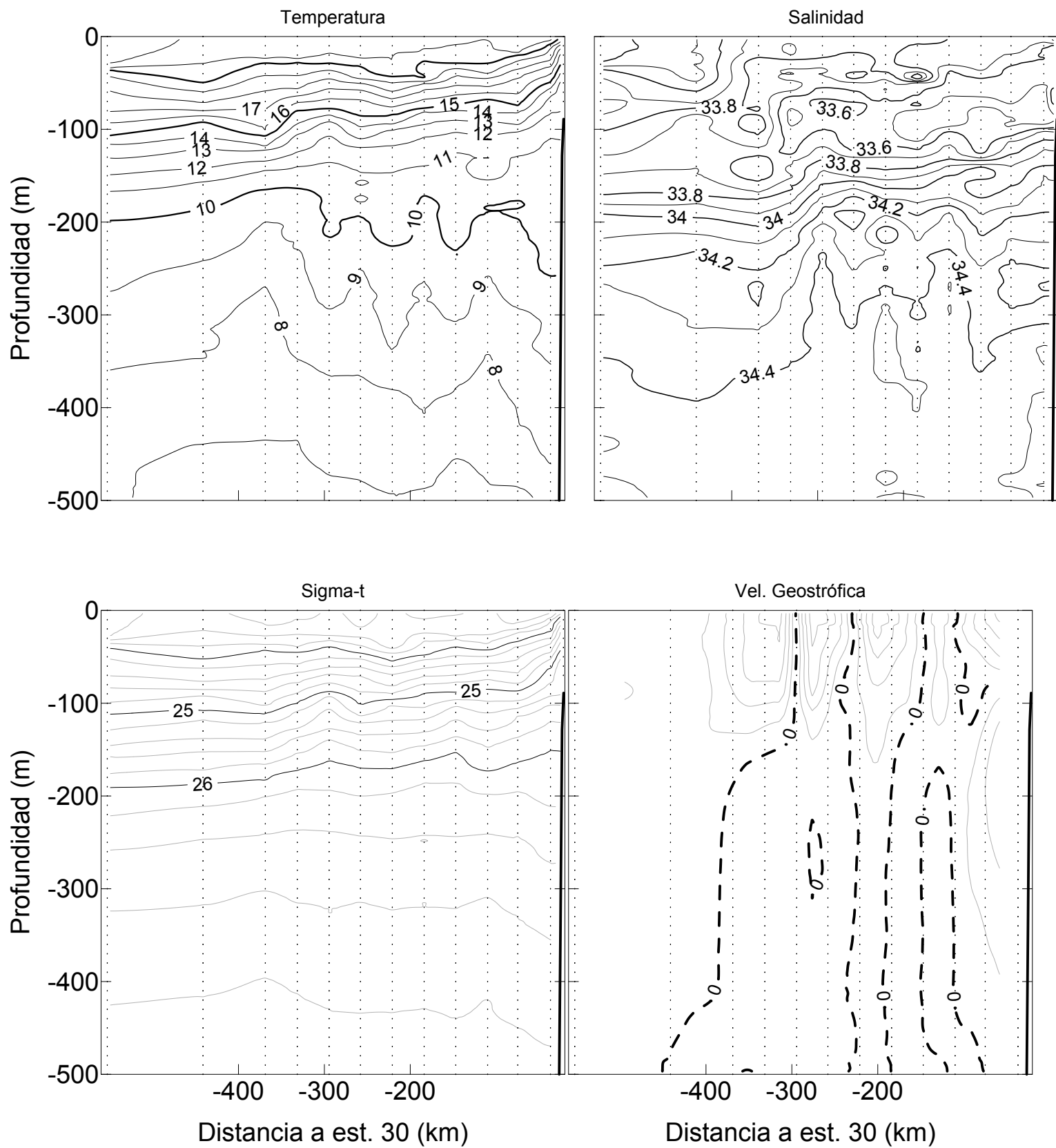
Seccion 103, crucero 1407



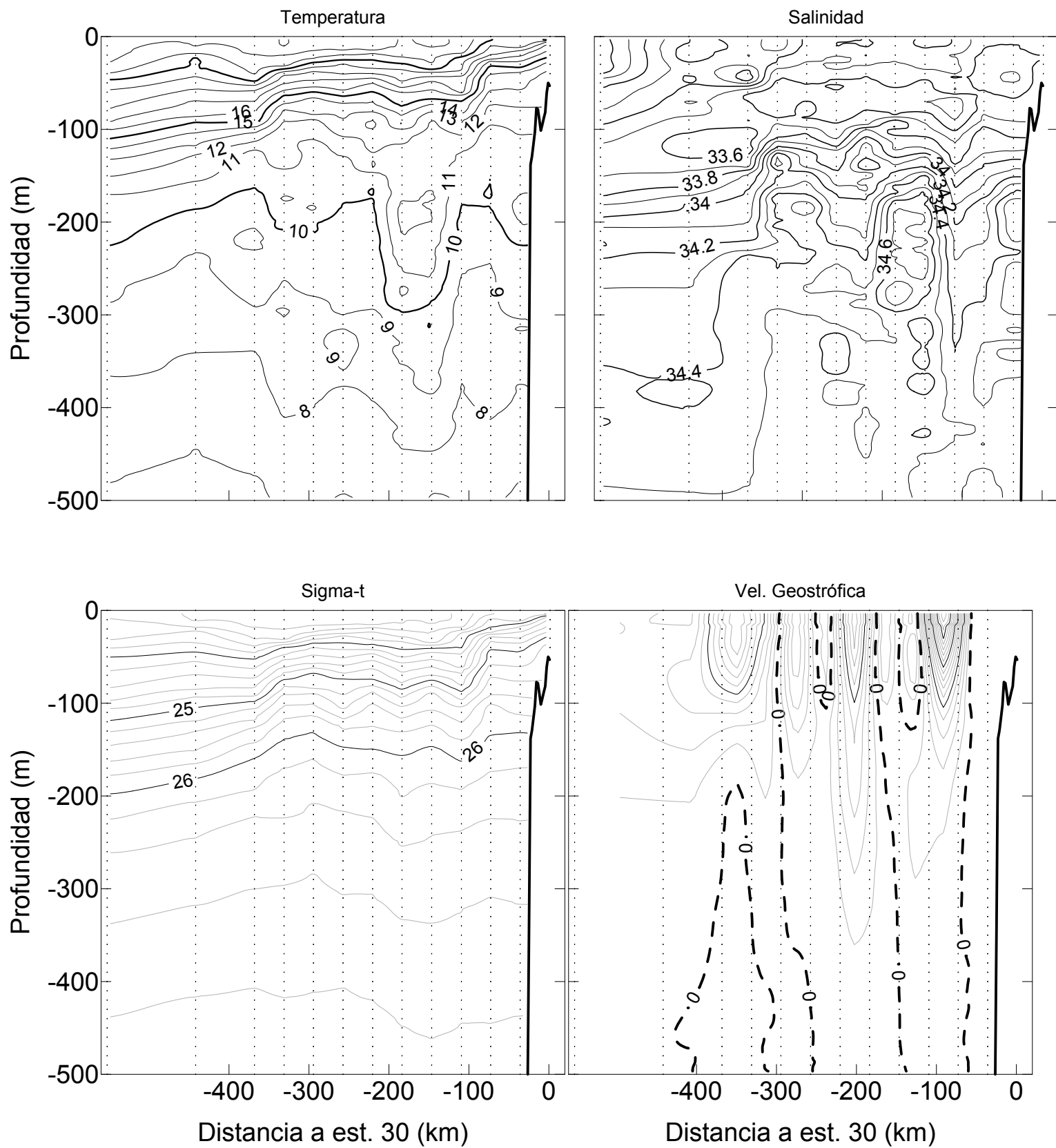
Seccion 107, crucero 1407



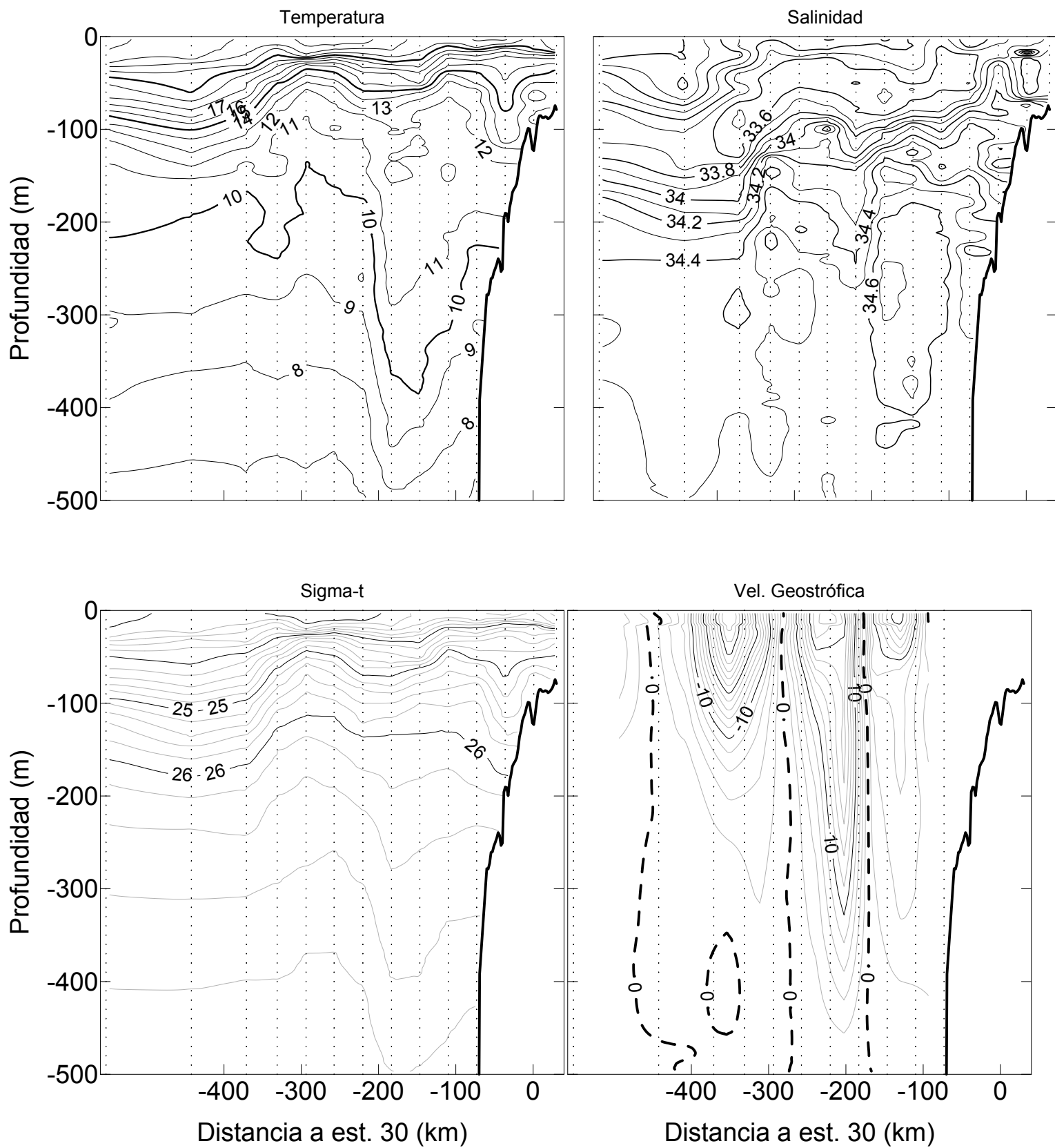
Seccion 110, crucero 1407



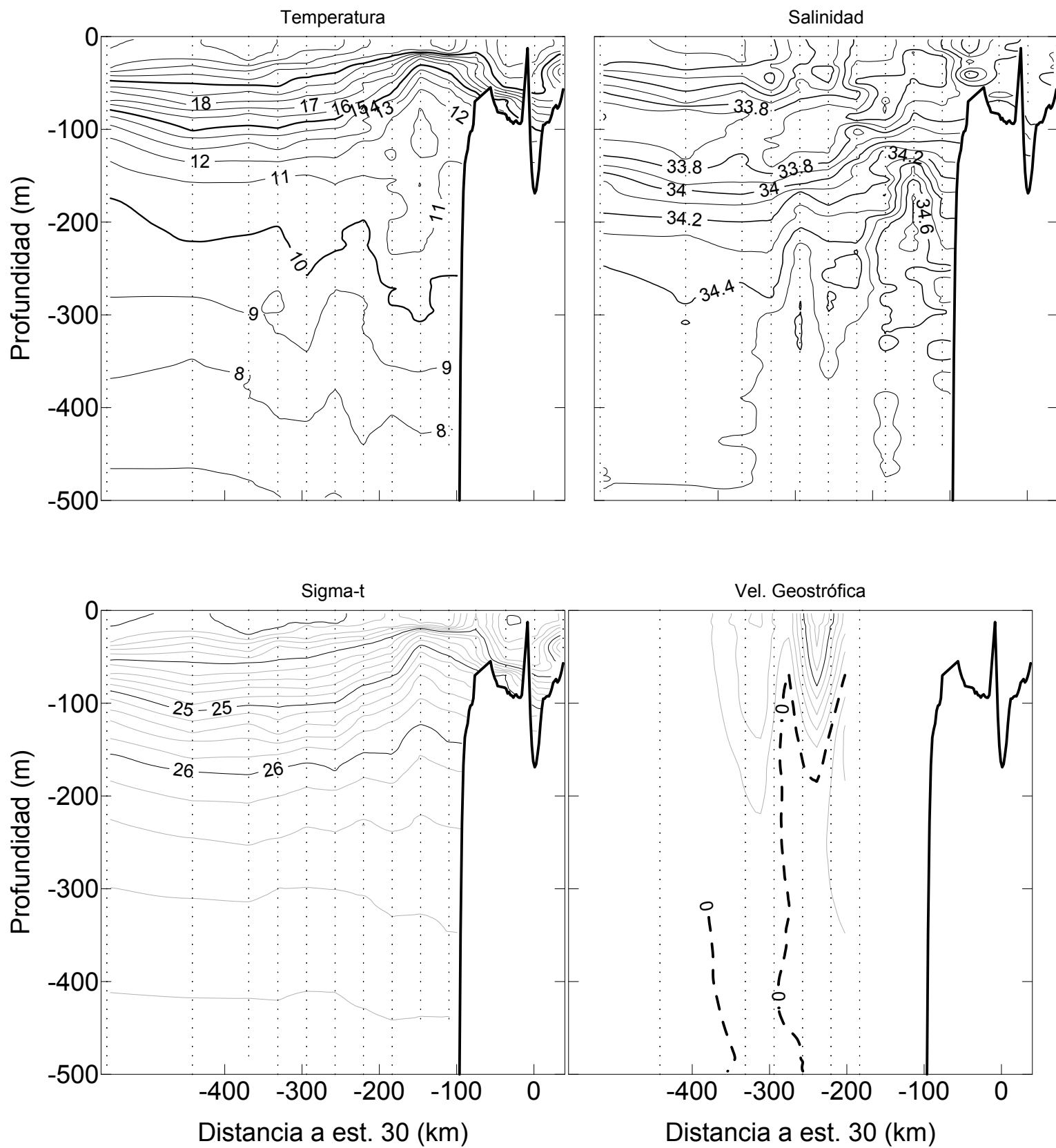
Seccion 113, crucero 1407



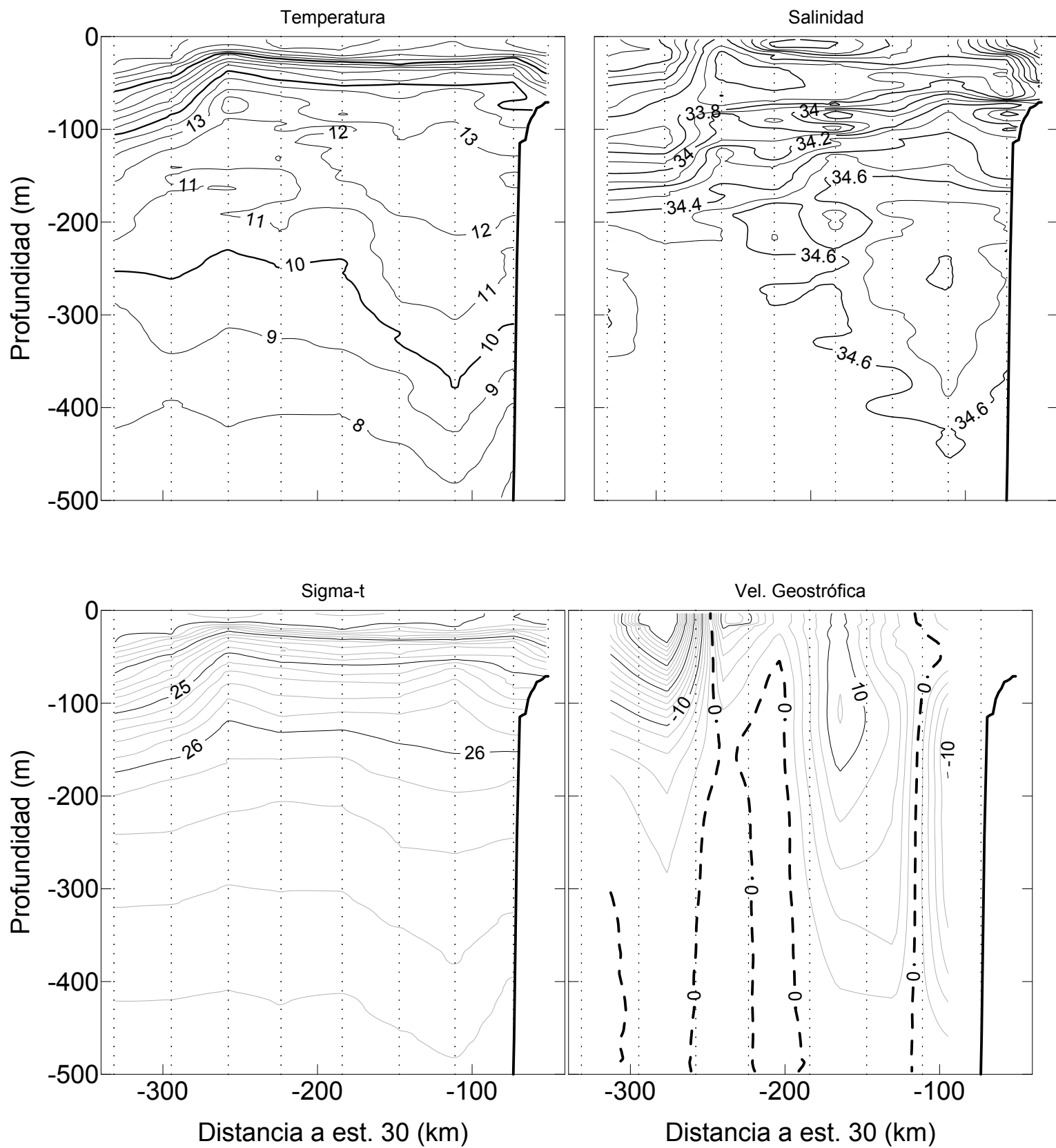
Seccion 117, crucero 1407



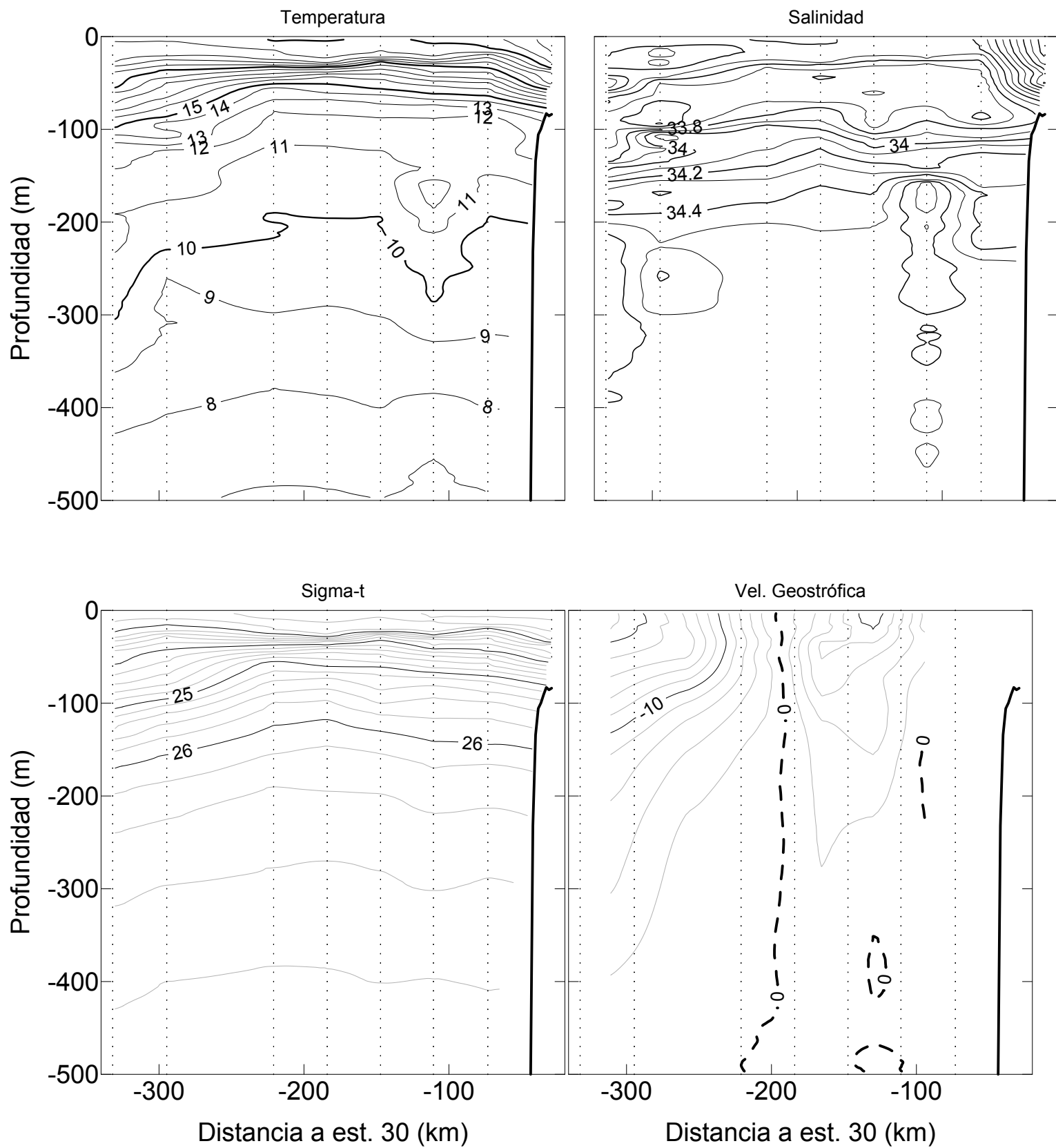
Seccion 120, crucero 1407



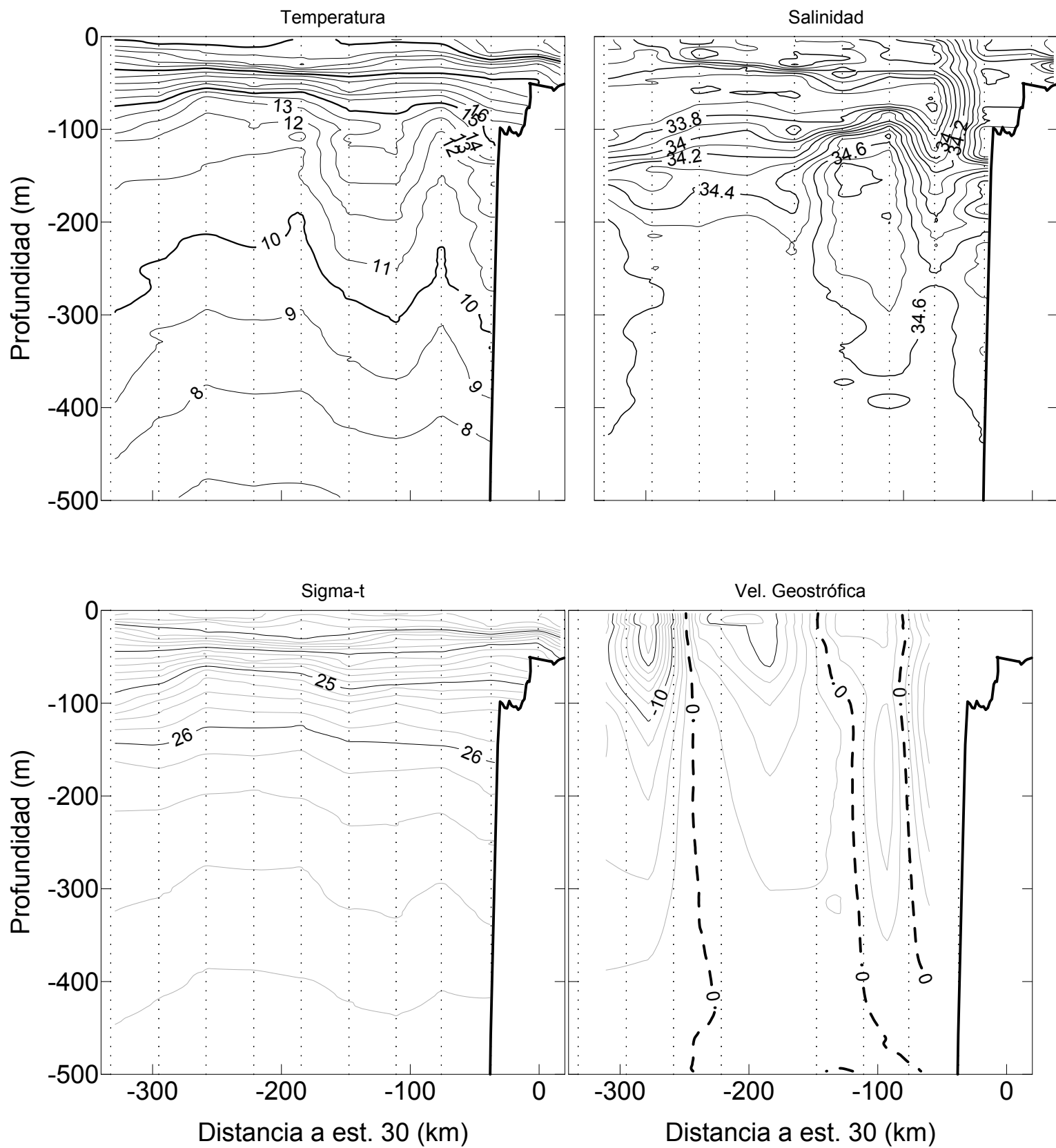
Seccion 123, crucero 1407



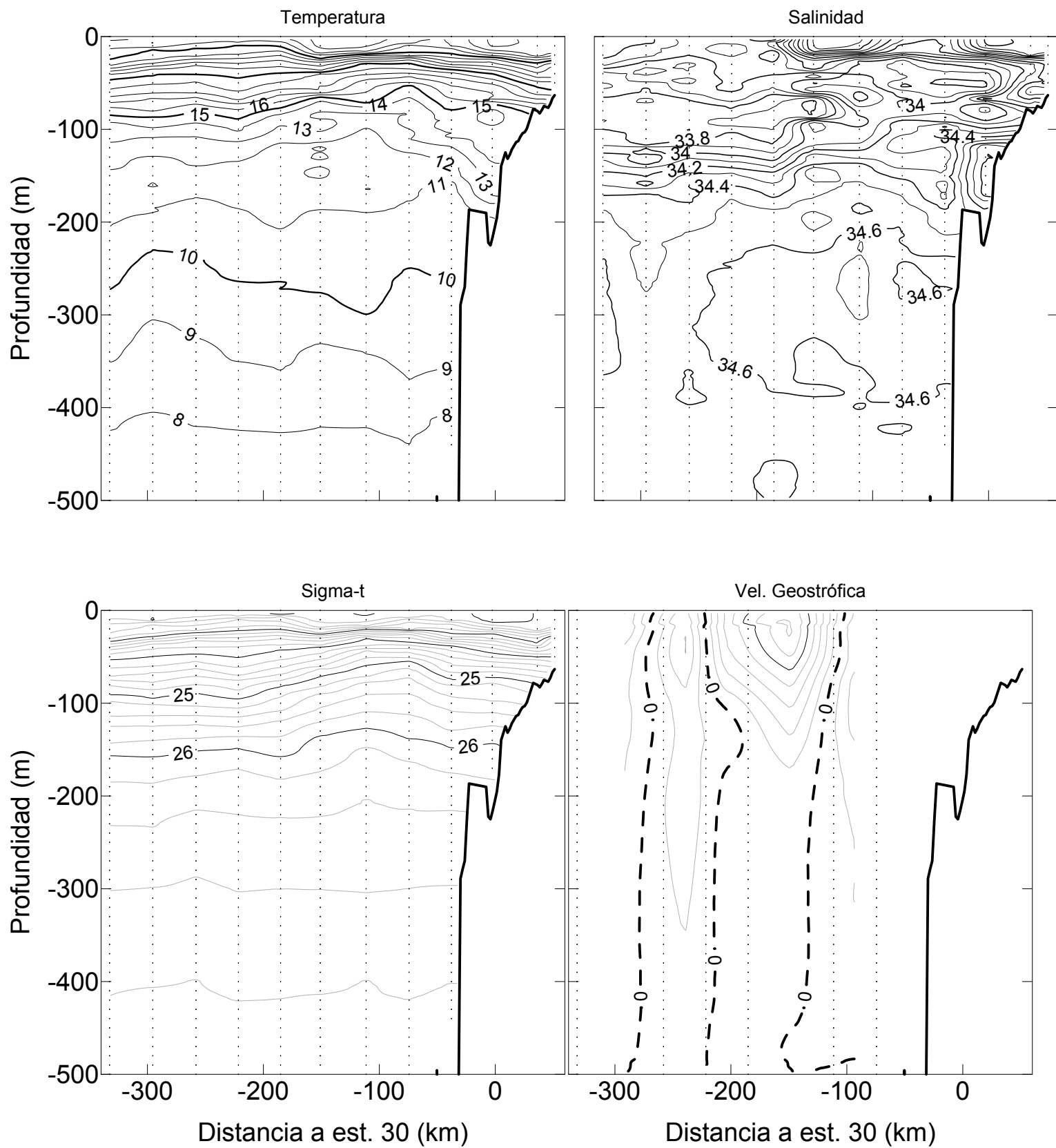
Seccion 127, crucero 1407



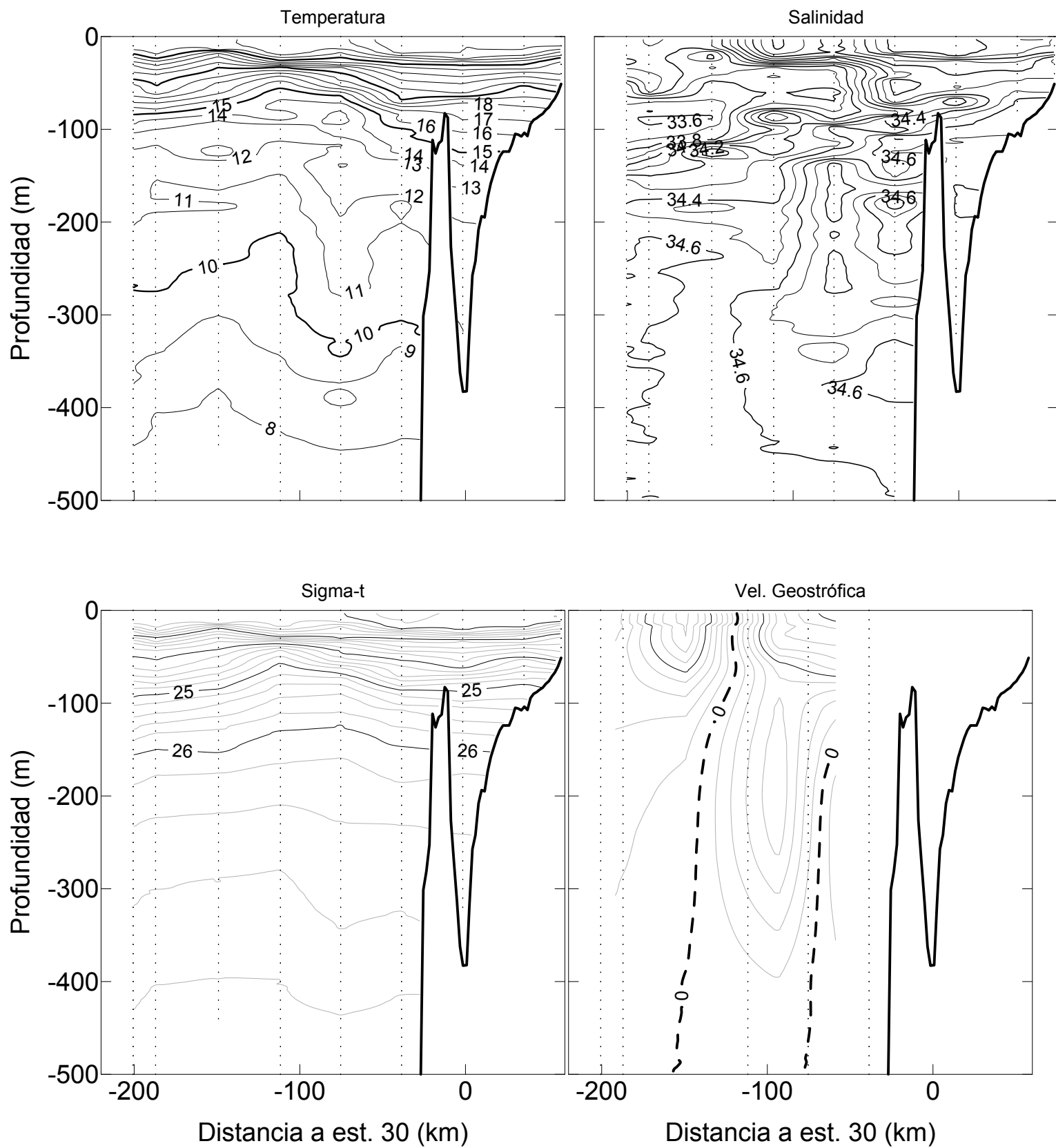
Seccion 130, crucero 1407



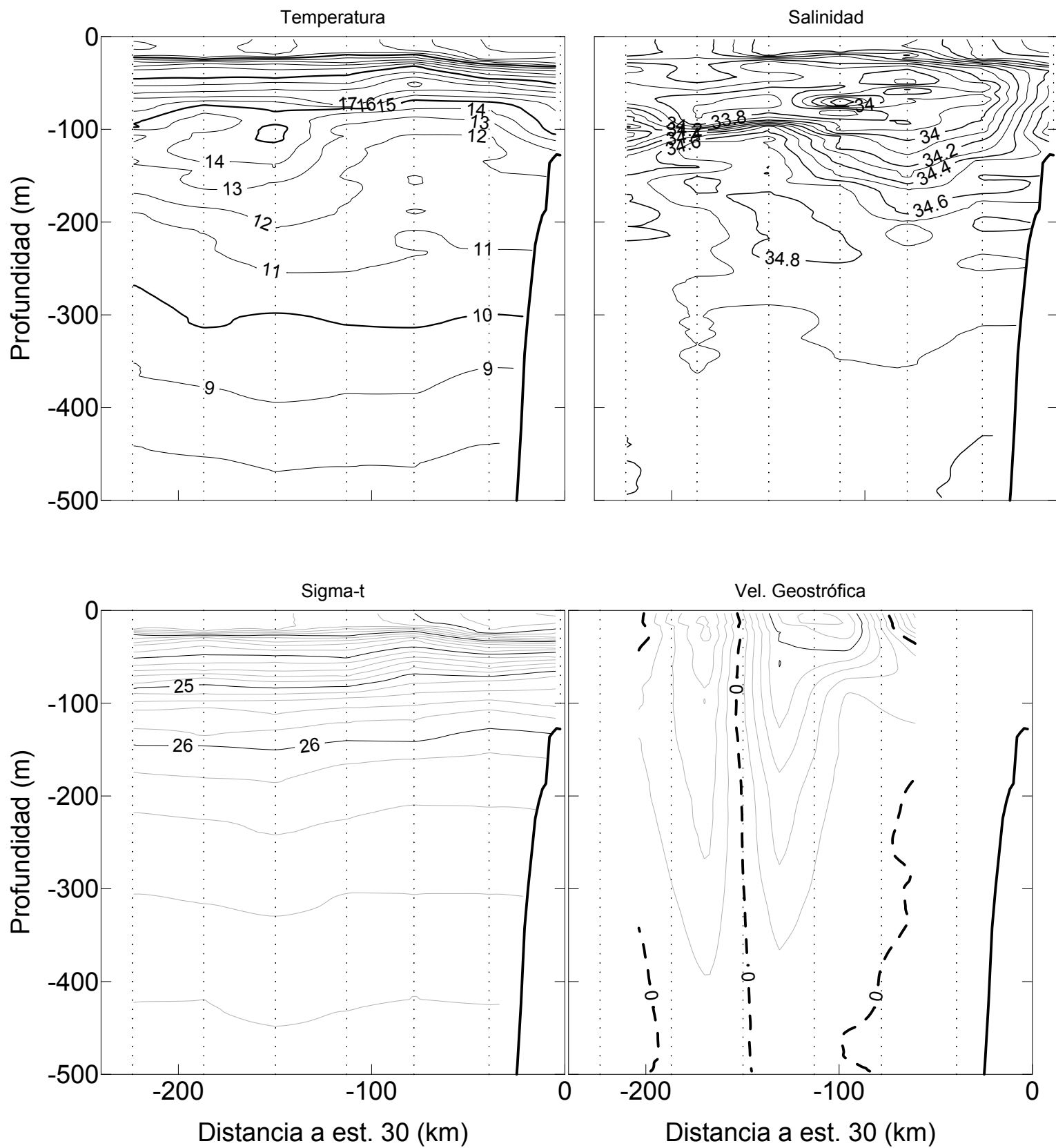
Seccion 133, crucero 1407



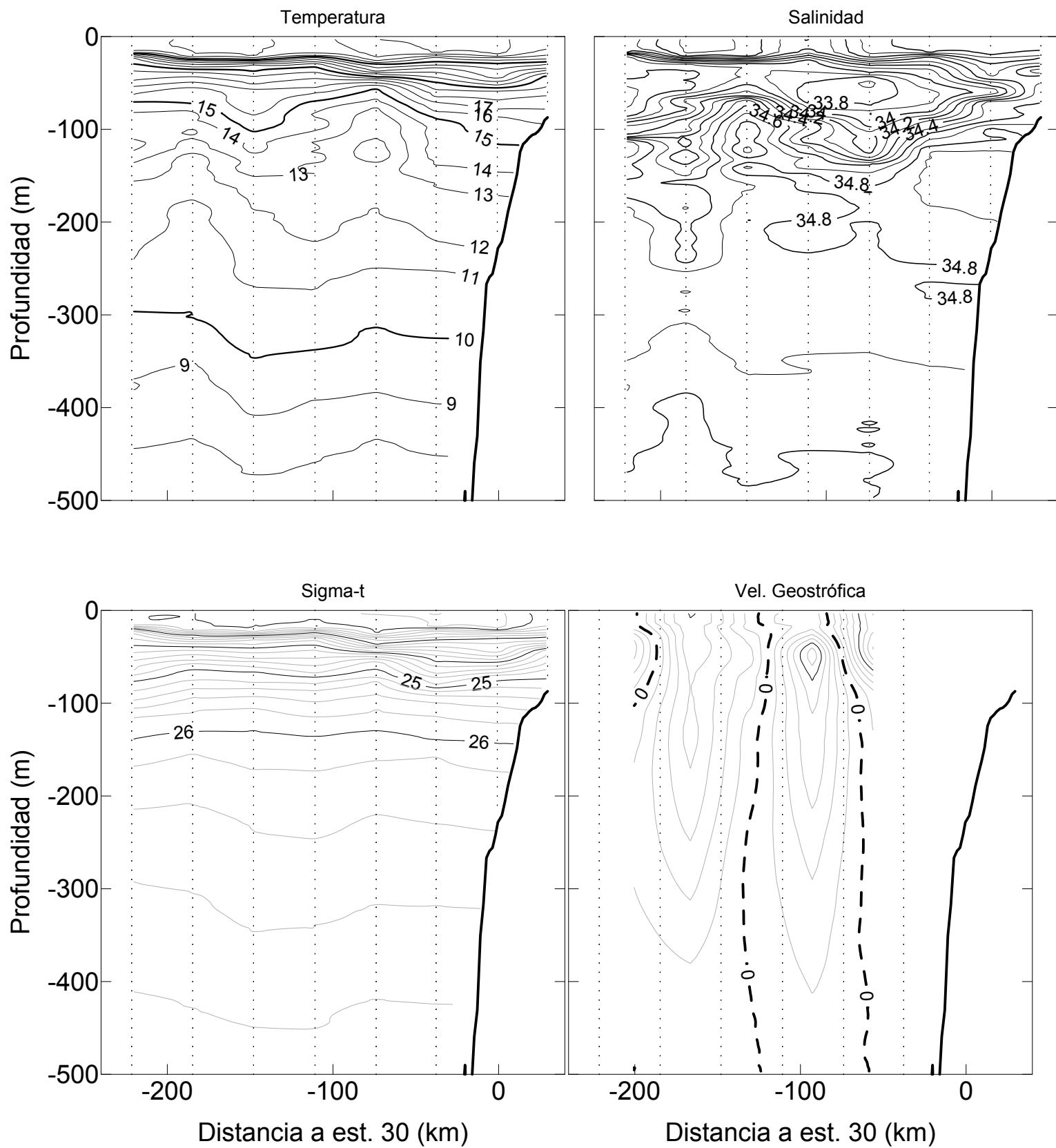
Seccion 137, crucero 1407



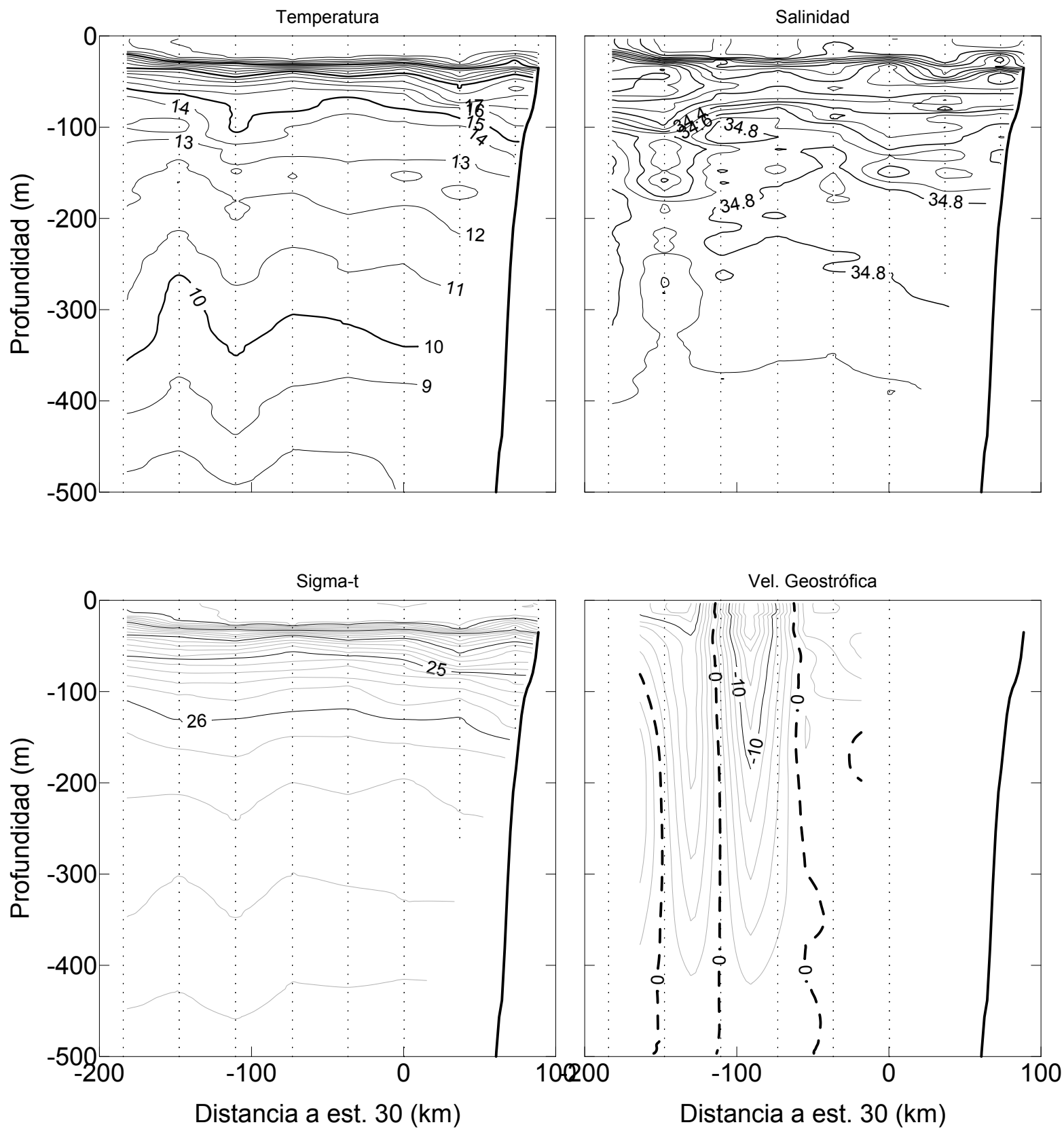
Seccion 140, crucero 1407



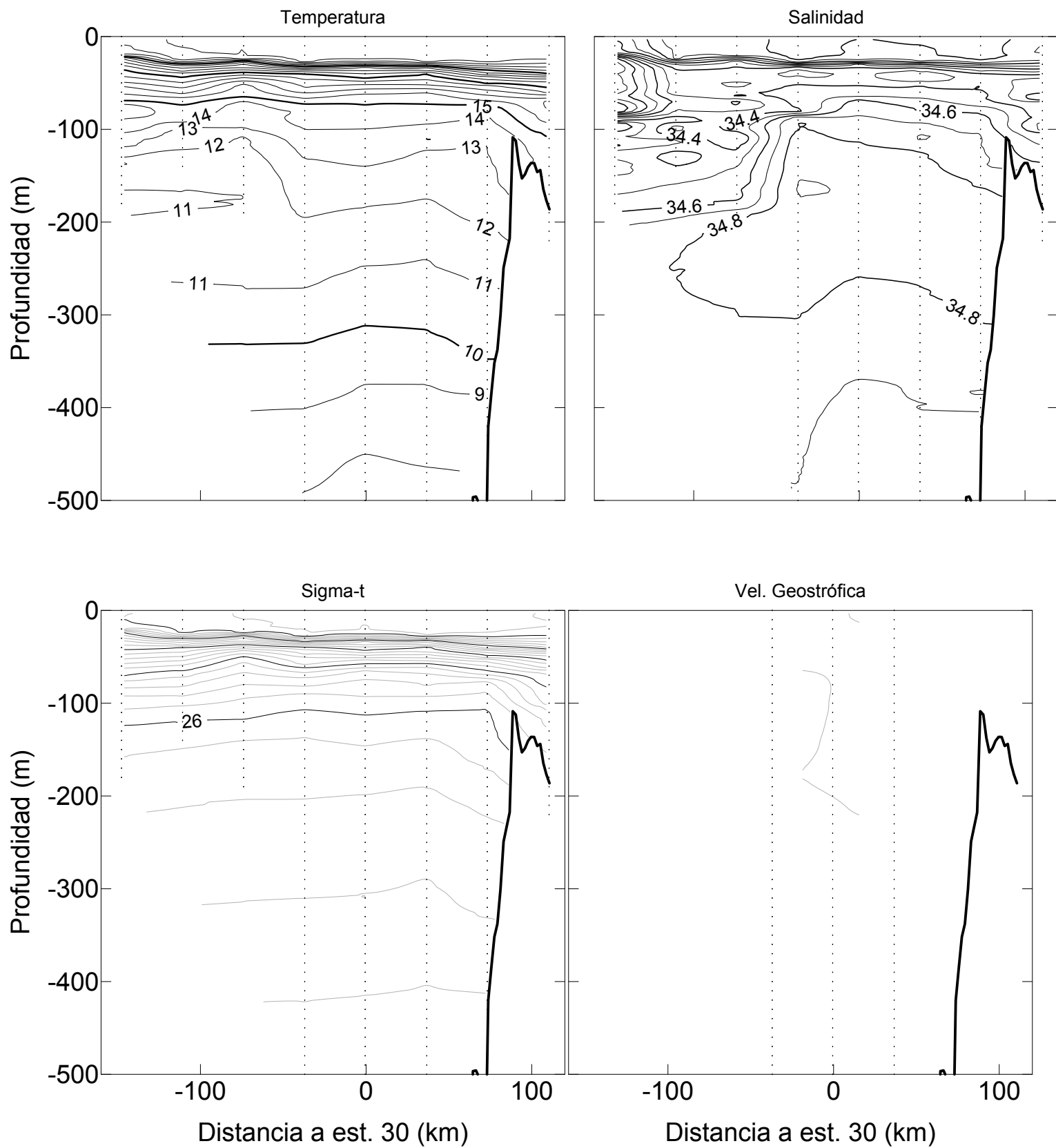
Seccion 143, crucero 1407



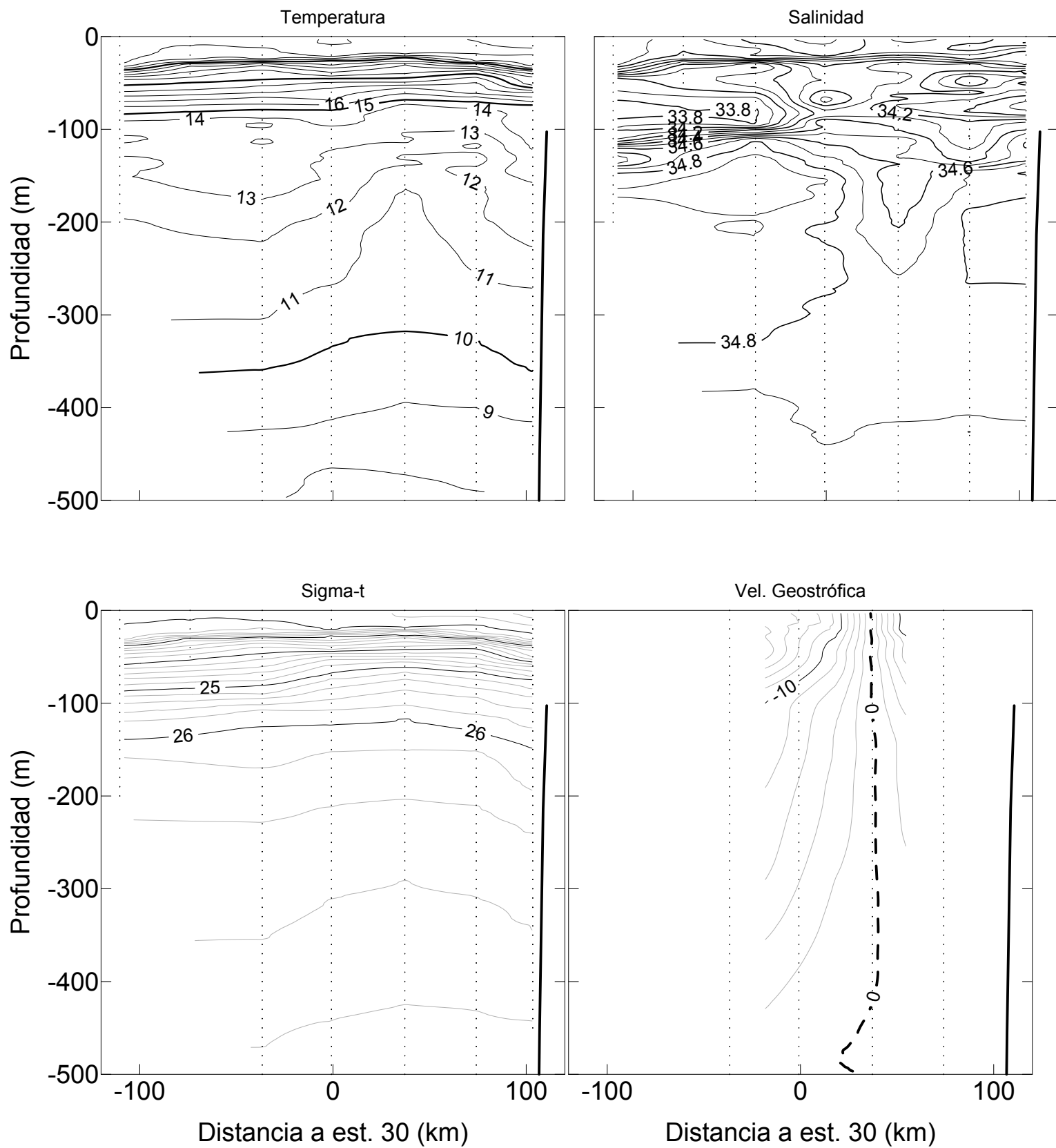
Seccion 147, crucero 1407



Seccion 150, crucero 1407



Seccion 153, crucero 1407



Apéndice E

Concentración de clorofila-a determinada por fluorometría.

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
100	40	2014	7	19	0	0.13	31.3542	-117.4497
100	40	2014	7	19	10	0.16	31.3542	-117.4497
100	40	2014	7	19	50	0.46	31.3542	-117.4497
100	40	2014	7	19	100	0.15	31.3542	-117.4497
100	40	2014	7	19	150	0.05	31.3542	-117.4497
100	40	2014	7	19	200	0.01	31.3542	-117.4497
100	45	2014	7	19	0	0.10	31.1872	-117.7901
100	45	2014	7	19	10	0.11	31.1872	-117.7901
100	45	2014	7	19	20	0.17	31.1872	-117.7901
100	45	2014	7	19	50	1.00	31.1872	-117.7901
100	45	2014	7	19	100	0.06	31.1872	-117.7901
100	45	2014	7	19	150	0.01	31.1872	-117.7901
100	45	2014	7	19	200	0.02	31.1872	-117.7901
100	50	2014	7	19	0	0.16	31.0189	-118.1229
100	50	2014	7	19	10	0.17	31.0189	-118.1229
100	50	2014	7	19	20	0.21	31.0189	-118.1229
100	50	2014	7	19	50	0.90	31.0189	-118.1229
100	50	2014	7	19	50	0.10	31.0189	-118.1229
100	50	2014	7	19	150	0.02	31.0189	-118.1229
100	50	2014	7	19	200	0.01	31.0189	-118.1229
100	55	2014	7	19	0	0.27	30.8502	-118.4611
100	55	2014	7	19	10	0.09	30.8502	-118.4611
100	55	2014	7	19	20	0.09	30.8502	-118.4611
100	55	2014	7	19	50	0.34	30.8502	-118.4611
100	55	2014	7	19	100	0.20	30.8502	-118.4611
100	55	2014	7	19	150	0.02	30.8502	-118.4611
100	55	2014	7	19	200	0.01	30.8502	-118.4611
100	60	2014	7	19	0	0.09	30.6850	-118.7913
100	60	2014	7	19	10	0.13	30.6850	-118.7913
100	60	2014	7	19	20	0.16	30.6850	-118.7913
100	60	2014	7	19	50	0.37	30.6850	-118.7913
100	60	2014	7	19	100	0.35	30.6850	-118.7913
100	60	2014	7	19	150	0.04	30.6850	-118.7913
100	60	2014	7	19	200	0.01	30.6850	-118.7913
100	30	2014	7	20	0	1.73	31.6873	-116.7785
100	30	2014	7	20	10	2.14	31.6873	-116.7785
100	30	2014	7	20	20	2.48	31.6873	-116.7785
100	30	2014	7	20	50	0.30	31.6873	-116.7785
100	30	2014	7	20	80	0.09	31.6873	-116.7785
100	30	2014	7	20	100	0.09	31.6873	-116.7785
100	30	2014	7	20	150	0.03	31.6873	-116.7785
100	35	2014	7	20	0	0.21	31.5190	-117.1165
100	35	2014	7	20	10	0.21	31.5190	-117.1165
100	35	2014	7	20	20	0.19	31.5190	-117.1165
100	35	2014	7	20	50	1.05	31.5190	-117.1165
100	35	2014	7	20	100	0.20	31.5190	-117.1165
100	35	2014	7	20	200	0.02	31.5190	-117.1165
103	30	2014	7	20	0	0.43	31.1185	-116.4003
103	30	2014	7	20	10	0.72	31.1185	-116.4003
103	30	2014	7	20	30	0.90	31.1185	-116.4003
103	30	2014	7	20	40	0.80	31.1185	-116.4003
103	30	2014	7	20	50	0.59	31.1185	-116.4003

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
103	35	2014	7	20	0	0.23	30.9483	-116.7448
103	35	2014	7	20	10	0.27	30.9483	-116.7448
103	35	2014	7	20	20	0.32	30.9483	-116.7448
103	35	2014	7	20	50	1.37	30.9483	-116.7448
103	35	2014	7	20	100	0.26	30.9483	-116.7448
103	35	2014	7	20	150	0.04	30.9483	-116.7448
103	35	2014	7	20	200	0.02	30.9483	-116.7448
103	40	2014	7	21	0	0.10	30.7818	-117.1247
103	40	2014	7	21	10	0.12	30.7818	-117.1247
103	40	2014	7	21	20	0.13	30.7818	-117.1247
103	40	2014	7	21	50	0.28	30.7818	-117.1247
103	40	2014	7	21	100	0.14	30.7818	-117.1247
103	40	2014	7	21	150	0.02	30.7818	-117.1247
103	40	2014	7	21	200	0.02	30.7818	-117.1247
103	45	2014	7	21	0	0.11	30.6138	-117.4126
103	45	2014	7	21	10	0.11	30.6138	-117.4126
103	45	2014	7	21	20	0.15	30.6138	-117.4126
103	45	2014	7	21	50	0.45	30.6138	-117.4126
103	45	2014	7	21	100	0.29	30.6138	-117.4126
103	45	2014	7	21	150	0.02	30.6138	-117.4126
103	45	2014	7	21	200	0.01	30.6138	-117.4126
103	50	2014	7	21	0	0.14	30.4488	-117.7440
103	50	2014	7	21	10	0.52	30.4488	-117.7440
103	50	2014	7	21	20	0.15	30.4488	-117.7440
103	50	2014	7	21	50	0.93	30.4488	-117.7440
103	50	2014	7	21	100	0.22	30.4488	-117.7440
103	50	2014	7	21	150	0.03	30.4488	-117.7440
103	50	2014	7	21	200	0.01	30.4488	-117.7440
103	55	2014	7	21	0	0.15	30.2808	-118.0796
103	55	2014	7	21	10	0.18	30.2808	-118.0796
103	55	2014	7	21	20	0.16	30.2808	-118.0796
103	55	2014	7	21	50	0.35	30.2808	-118.0796
103	55	2014	7	21	100	0.23	30.2808	-118.0796
103	55	2014	7	21	150	0.02	30.2808	-118.0796
103	55	2014	7	21	200	0.01	30.2808	-118.0796
103	60	2014	7	21	0	0.08	30.1165	-118.4091
103	60	2014	7	21	10	0.08	30.1165	-118.4091
103	60	2014	7	21	100	0.53	30.1165	-118.4091
103	60	2014	7	21	150	0.05	30.1165	-118.4091
103	60	2014	7	21	200	0.01	30.1165	-118.4091
107	40	2014	7	25	0	0.12	30.1948	-116.6943
107	40	2014	7	25	10	0.13	30.1948	-116.6943
107	40	2014	7	25	20	0.15	30.1948	-116.6943
107	40	2014	7	25	50	0.02	30.1948	-116.6943
107	40	2014	7	25	100	0.36	30.1948	-116.6943
107	40	2014	7	25	150	0.03	30.1948	-116.6943
107	40	2014	7	25	200	0.25	30.1948	-116.6943
107	45	2014	7	25	0	0.13	30.0279	-117.0270
107	45	2014	7	25	10	0.12	30.0279	-117.0270
107	45	2014	7	25	20	0.12	30.0279	-117.0270
107	45	2014	7	25	50	0.15	30.0279	-117.0270
107	45	2014	7	25	100	0.39	30.0279	-117.0270
107	45	2014	7	25	150	0.03	30.0279	-117.0270
107	45	2014	7	25	200	0.03	30.0279	-117.0270
107	50	2014	7	25	0	0.08	29.8603	-117.3595
107	50	2014	7	25	10	0.08	29.8603	-117.3595

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
107	50	2014	7	25	20	0.11	29.8603	-117.3595
107	50	2014	7	25	50	0.28	29.8603	-117.3595
107	50	2014	7	25	100	0.41	29.8603	-117.3595
107	50	2014	7	25	150	0.18	29.8603	-117.3595
107	50	2014	7	25	200	0.00	29.8603	-117.3595
107	55	2014	7	25	0	0.07	29.6930	-117.6906
107	55	2014	7	25	10	0.10	29.6930	-117.6906
107	55	2014	7	25	20	0.09	29.6930	-117.6906
107	55	2014	7	25	50	0.22	29.6930	-117.6906
107	55	2014	7	25	100	0.52	29.6930	-117.6906
107	55	2014	7	25	150	0.10	29.6930	-117.6906
107	55	2014	7	25	200	0.01	29.6930	-117.6906
107	60	2014	7	25	0	0.13	29.5260	-118.0203
107	60	2014	7	25	10	0.11	29.5260	-118.0203
107	60	2014	7	25	20	0.14	29.5260	-118.0203
107	60	2014	7	25	50	0.12	29.5260	-118.0203
107	60	2014	7	25	100	0.69	29.5260	-118.0203
107	60	2014	7	25	200	0.01	29.5260	-118.0203
107	30	2014	7	26	0	0.13	30.4561	-116.1687
107	30	2014	7	26	10	0.22	30.4561	-116.1687
107	30	2014	7	26	20	1.48	30.4561	-116.1687
107	30	2014	7	26	50	0.73	30.4561	-116.1687
107	30	2014	7	26	100	0.34	30.4561	-116.1687
107	30	2014	7	26	150	0.25	30.4561	-116.1687
107	35	2014	7	26	0	0.14	30.3605	-116.3629
107	35	2014	7	26	10	0.12	30.3605	-116.3629
107	35	2014	7	26	20	0.15	30.3605	-116.3629
107	35	2014	7	26	50	0.30	30.3605	-116.3629
107	35	2014	7	26	100	0.42	30.3605	-116.3629
107	35	2014	7	26	150	0.06	30.3605	-116.3629
107	35	2014	7	26	200	0.01	30.3605	-116.3629
110	35	2014	7	26	0	0.22	29.7842	-116.0017
110	35	2014	7	26	10	0.21	29.7842	-116.0017
110	35	2014	7	26	20	0.29	29.7842	-116.0017
110	35	2014	7	26	50	0.60	29.7842	-116.0017
110	35	2014	7	26	100	0.18	29.7842	-116.0017
110	35	2014	7	26	150	0.03	29.7842	-116.0017
110	35	2014	7	26	200	0.01	29.7842	-116.0017
110	40	2014	7	26	0	0.12	29.6214	-116.3301
110	40	2014	7	26	10	0.10	29.6214	-116.3301
110	40	2014	7	26	20	0.14	29.6214	-116.3301
110	40	2014	7	26	50	0.27	29.6214	-116.3301
110	40	2014	7	26	100	0.35	29.6214	-116.3301
110	40	2014	7	26	150	0.04	29.6214	-116.3301
110	40	2014	7	26	200	0.01	29.6214	-116.3301
110	45	2014	7	26	0	0.15	29.4552	-116.6583
110	45	2014	7	26	10	0.16	29.4552	-116.6583
110	45	2014	7	26	20	0.38	29.4552	-116.6583
110	45	2014	7	26	50	0.17	29.4552	-116.6583
110	45	2014	7	26	100	0.47	29.4552	-116.6583
110	45	2014	7	26	150	0.07	29.4552	-116.6583
110	45	2014	7	26	200	0.01	29.4552	-116.6583
110	50	2014	7	27	0	0.13	29.2865	-116.9892
110	50	2014	7	27	10	0.15	29.2865	-116.9892
110	50	2014	7	27	20	0.15	29.2865	-116.9892
110	50	2014	7	27	50	0.32	29.2865	-116.9892

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
110	50	2014	7	27	100	0.41	29.2865	-116.9892
110	50	2014	7	27	150	0.04	29.2865	-116.9892
110	50	2014	7	27	200	0.02	29.2865	-116.9892
110	55	2014	7	27	0	0.16	29.1208	-117.3176
110	55	2014	7	27	10	0.15	29.1208	-117.3176
110	55	2014	7	27	20	0.18	29.1208	-117.3176
110	55	2014	7	27	50	0.30	29.1208	-117.3176
110	55	2014	7	27	100	0.59	29.1208	-117.3176
110	55	2014	7	27	150	0.12	29.1208	-117.3176
110	55	2014	7	27	200	0.01	29.1208	-117.3176
110	60	2014	7	27	0	0.17	28.9537	-117.6477
110	60	2014	7	27	10	0.16	28.9537	-117.6477
110	60	2014	7	27	20	0.17	28.9537	-117.6477
110	60	2014	7	27	50	0.42	28.9537	-117.6477
110	60	2014	7	27	100	0.58	28.9537	-117.6477
110	60	2014	7	27	150	0.15	28.9537	-117.6477
110	60	2014	7	27	200	0.02	28.9537	-117.6477
113	50	2014	8	1	0	0.23	28.7158	-116.6162
113	50	2014	8	1	10	0.28	28.7158	-116.6162
113	50	2014	8	1	20	0.29	28.7158	-116.6162
113	50	2014	8	1	50	0.57	28.7158	-116.6162
113	50	2014	8	1	100	0.36	28.7158	-116.6162
113	50	2014	8	1	150	0.04	28.7158	-116.6162
113	50	2014	8	1	200	0.02	28.7158	-116.6162
113	55	2014	8	1	0	0.23	28.5465	-116.9481
113	55	2014	8	1	10	0.23	28.5465	-116.9481
113	55	2014	8	1	20	0.22	28.5465	-116.9481
113	55	2014	8	1	50	0.50	28.5465	-116.9481
113	55	2014	8	1	100	0.32	28.5465	-116.9481
113	55	2014	8	1	150	0.06	28.5465	-116.9481
113	55	2014	8	1	200	0.04	28.5465	-116.9481
113	60	2014	8	1	0	0.13	28.3830	-117.2710
113	60	2014	8	1	10	0.15	28.3830	-117.2710
113	60	2014	8	1	20	0.17	28.3830	-117.2710
113	60	2014	8	1	50	0.26	28.3830	-117.2710
113	60	2014	8	1	100	0.31	28.3830	-117.2710
113	60	2014	8	1	150	0.06	28.3830	-117.2710
113	60	2014	8	1	200	0.01	28.3830	-117.2710
113	35	2014	8	2	0	0.39	29.2165	-115.6323
113	35	2014	8	2	10	0.40	29.2165	-115.6323
113	35	2014	8	2	20	0.92	29.2165	-115.6323
113	35	2014	8	2	50	0.57	29.2165	-115.6323
113	35	2014	8	2	100	0.13	29.2165	-115.6323
113	35	2014	8	2	150	0.02	29.2165	-115.6323
113	35	2014	8	2	200	0.02	29.2165	-115.6323
113	40	2014	8	2	0	0.22	29.0505	-115.9613
113	40	2014	8	2	10	0.25	29.0505	-115.9613
113	40	2014	8	2	20	1.13	29.0505	-115.9613
113	40	2014	8	2	50	1.03	29.0505	-115.9613
113	40	2014	8	2	100	0.15	29.0505	-115.9613
113	40	2014	8	2	150	0.02	29.0505	-115.9613
113	40	2014	8	2	200	0.01	29.0505	-115.9613
113	45	2014	8	2	0	0.10	28.8841	-116.2858
113	45	2014	8	2	10	0.11	28.8841	-116.2858
113	45	2014	8	2	20	0.09	28.8841	-116.2858
113	45	2014	8	2	50	0.25	28.8841	-116.2858

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
113	45	2014	8	2	100	0.32	28.8841	-116.2858
113	45	2014	8	2	150	0.04	28.8841	-116.2858
113	45	2014	8	2	200	0.01	28.8841	-116.2858
117	30	2014	8	3	0	0.34	28.7943	-114.9320
117	30	2014	8	3	10	0.37	28.7943	-114.9320
117	30	2014	8	3	20	0.32	28.7943	-114.9320
117	30	2014	8	3	45	0.34	28.7943	-114.9320
117	30	2014	8	3	90	0.25	28.7943	-114.9320
117	35	2014	8	3	0	0.35	28.6264	-115.2606
117	35	2014	8	3	10	1.57	28.6264	-115.2606
117	35	2014	8	3	20	1.92	28.6264	-115.2606
117	35	2014	8	3	50	0.35	28.6264	-115.2606
117	35	2014	8	3	100	0.16	28.6264	-115.2606
117	35	2014	8	3	150	0.08	28.6264	-115.2606
117	35	2014	8	3	200	0.07	28.6264	-115.2606
117	40	2014	8	3	0	0.18	28.4602	-115.5874
117	40	2014	8	3	10	0.23	28.4602	-115.5874
117	40	2014	8	3	20	0.15	28.4602	-115.5874
117	40	2014	8	3	50	0.60	28.4602	-115.5874
117	40	2014	8	3	100	0.09	28.4602	-115.5874
117	40	2014	8	3	150	0.05	28.4602	-115.5874
117	40	2014	8	3	200	0.04	28.4602	-115.5874
117	45	2014	8	3	0	0.37	28.2927	-115.9113
117	45	2014	8	3	10	0.35	28.2927	-115.9113
117	45	2014	8	3	20	0.39	28.2927	-115.9113
117	45	2014	8	3	50	0.51	28.2927	-115.9113
117	45	2014	8	3	100	0.17	28.2927	-115.9113
117	45	2014	8	3	150	0.09	28.2927	-115.9113
117	45	2014	8	3	200	0.05	28.2927	-115.9113
117	50	2014	8	3	0	0.15	28.1267	-116.2363
117	50	2014	8	3	10	0.15	28.1267	-116.2363
117	50	2014	8	3	20	0.16	28.1267	-116.2363
117	50	2014	8	3	50	0.36	28.1267	-116.2363
117	50	2014	8	3	100	0.18	28.1267	-116.2363
117	50	2014	8	3	150	0.03	28.1267	-116.2363
117	50	2014	8	3	200	0.01	28.1267	-116.2363
117	55	2014	8	3	0	0.10	27.9605	-116.5680
117	55	2014	8	3	10	0.10	27.9605	-116.5680
117	55	2014	8	3	20	0.16	27.9605	-116.5680
117	55	2014	8	3	50	0.49	27.9605	-116.5680
117	55	2014	8	3	100	0.22	27.9605	-116.5680
117	55	2014	8	3	150	0.04	27.9605	-116.5680
117	55	2014	8	3	200	0.03	27.9605	-116.5680
117	60	2014	8	3	0	0.12	27.7957	-116.8876
117	60	2014	8	3	10	0.10	27.7957	-116.8876
117	60	2014	8	3	20	0.16	27.7957	-116.8876
117	60	2014	8	3	50	0.37	27.7957	-116.8876
117	60	2014	8	3	100	0.38	27.7957	-116.8876
117	60	2014	8	3	150	0.04	27.7957	-116.8876
117	60	2014	8	3	200	0.01	27.7957	-116.8876
117	65	2014	8	4	0	0.11	27.6273	-117.2150
117	65	2014	8	4	10	0.11	27.6273	-117.2150
117	65	2014	8	4	20	0.11	27.6273	-117.2150
117	65	2014	8	4	50	1.51	27.6273	-117.2150
117	65	2014	8	4	100	0.06	27.6273	-117.2150
117	65	2014	8	4	150	0.01	27.6273	-117.2150

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
117	65	2014	8	4	200	0.01	27.6273	-117.2150
117	70	2014	8	4	0	0.11	27.4621	-117.5321
117	70	2014	8	4	10	0.11	27.4621	-117.5321
117	70	2014	8	4	20	0.13	27.4621	-117.5321
117	70	2014	8	4	50	1.10	27.4621	-117.5321
117	70	2014	8	4	100	0.19	27.4621	-117.5321
117	70	2014	8	4	150	0.02	27.4621	-117.5321
117	70	2014	8	4	200	0.05	27.4621	-117.5321
117	75	2014	8	4	0	0.14	27.2931	-117.8600
117	75	2014	8	4	10	0.16	27.2931	-117.8600
117	75	2014	8	4	20	0.22	27.2931	-117.8600
117	75	2014	8	4	50	0.69	27.2931	-117.8600
117	75	2014	8	4	100	0.20	27.2931	-117.8600
117	75	2014	8	4	150	0.02	27.2931	-117.8600
117	75	2014	8	4	200	0.02	27.2931	-117.8600
117	80	2014	8	4	0	0.13	27.0745	-118.1818
117	80	2014	8	4	10	0.13	27.0745	-118.1818
117	80	2014	8	4	20	0.12	27.0745	-118.1818
117	80	2014	8	4	50	0.14	27.0745	-118.1818
117	80	2014	8	4	100	0.69	27.0745	-118.1818
117	80	2014	8	4	150	0.17	27.0745	-118.1818
117	80	2014	8	4	200	0.01	27.0745	-118.1818
120	75	2014	8	5	0	0.07	26.7232	-117.4863
120	75	2014	8	5	10	0.06	26.7232	-117.4863
120	75	2014	8	5	20	0.08	26.7232	-117.4863
120	75	2014	8	5	50	0.11	26.7232	-117.4863
120	75	2014	8	5	100	0.66	26.7232	-117.4863
120	75	2014	8	5	150	0.16	26.7232	-117.4863
120	75	2014	8	5	200	0.01	26.7232	-117.4863
120	80	2014	8	5	0	0.10	26.5580	-117.8058
120	80	2014	8	5	10	0.10	26.5580	-117.8058
120	80	2014	8	5	20	0.09	26.5580	-117.8058
120	80	2014	8	5	100	0.55	26.5580	-117.8058
120	80	2014	8	5	150	0.18	26.5580	-117.8058
120	80	2014	8	5	200	0.02	26.5580	-117.8058
120	45	2014	8	6	0	0.18	27.7229	-115.5485
120	45	2014	8	6	10	0.20	27.7229	-115.5485
120	45	2014	8	6	20	0.30	27.7229	-115.5485
120	45	2014	8	6	50	0.71	27.7229	-115.5485
120	45	2014	8	6	100	0.17	27.7229	-115.5485
120	45	2014	8	6	150	0.02	27.7229	-115.5485
120	45	2014	8	6	200	0.02	27.7229	-115.5485
120	50	2014	8	6	0	0.28	27.5561	-115.8703
120	50	2014	8	6	10	0.20	27.5561	-115.8703
120	50	2014	8	6	20	0.55	27.5561	-115.8703
120	50	2014	8	6	50	1.16	27.5561	-115.8703
120	50	2014	8	6	100	0.17	27.5561	-115.8703
120	50	2014	8	6	150	0.02	27.5561	-115.8703
120	50	2014	8	6	200	0.02	27.5561	-115.8703
120	55	2014	8	6	0	0.02	27.3893	-116.1928
120	55	2014	8	6	10	0.12	27.3893	-116.1928
120	55	2014	8	6	20	0.15	27.3893	-116.1928
120	55	2014	8	6	50	0.19	27.3893	-116.1928
120	55	2014	8	6	100	0.85	27.3893	-116.1928
120	55	2014	8	6	150	0.07	27.3893	-116.1928
120	55	2014	8	6	200	0.02	27.3893	-116.1928

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
120	60	2014	8	6	0	0.33	27.2228	-116.5184
120	60	2014	8	6	10	0.13	27.2228	-116.5184
120	60	2014	8	6	20	0.02	27.2228	-116.5184
120	60	2014	8	6	50	0.44	27.2228	-116.5184
120	60	2014	8	6	100	0.26	27.2228	-116.5184
120	60	2014	8	6	150	0.04	27.2228	-116.5184
120	60	2014	8	6	200	0.01	27.2228	-116.5184
120	65	2014	8	6	0	0.09	27.0562	-116.8391
120	65	2014	8	6	10	0.08	27.0562	-116.8391
120	65	2014	8	6	20	0.09	27.0562	-116.8391
120	65	2014	8	6	50	0.15	27.0562	-116.8391
120	65	2014	8	6	100	0.87	27.0562	-116.8391
120	65	2014	8	6	150	0.13	27.0562	-116.8391
120	65	2014	8	6	200	0.01	27.0562	-116.8391
120	70	2014	8	6	0	0.09	26.8895	-117.1613
120	70	2014	8	6	10	0.09	26.8895	-117.1613
120	70	2014	8	6	20	0.09	26.8895	-117.1613
120	70	2014	8	6	50	0.15	26.8895	-117.1613
120	70	2014	8	6	100	0.89	26.8895	-117.1613
120	70	2014	8	6	150	0.18	26.8895	-117.1613
120	70	2014	8	6	200	0.02	26.8895	-117.1613
119	33	2014	8	7	0	0.21	28.2957	-114.8745
119	33	2014	8	7	10	0.29	28.2957	-114.8745
119	33	2014	8	7	20	0.29	28.2957	-114.8745
119	33	2014	8	7	50	0.25	28.2957	-114.8745
119	33	2014	8	7	80	0.30	28.2957	-114.8745
120	25	2014	8	7	0	0.25	28.3868	-114.2436
120	25	2014	8	7	10	0.28	28.3868	-114.2436
120	25	2014	8	7	10	0.31	28.3868	-114.2436
120	25	2014	8	7	20	0.54	28.3868	-114.2436
120	30	2014	8	7	0	0.34	28.2219	-114.5702
120	30	2014	8	7	10	0.36	28.2219	-114.5702
120	30	2014	8	7	20	0.34	28.2219	-114.5702
120	30	2014	8	7	50	1.00	28.2219	-114.5702
120	30	2014	8	7	63	0.39	28.2219	-114.5702
120	35	2014	8	7	0	0.35	28.0551	-114.9014
120	35	2014	8	7	10	0.30	28.0551	-114.9014
120	35	2014	8	7	20	0.27	28.0551	-114.9014
120	35	2014	8	7	50	0.58	28.0551	-114.9014
120	35	2014	8	7	70	0.37	28.0551	-114.9014
123	37	2014	8	18	0	0.13	27.4206	-114.6671
123	37	2014	8	18	10	0.17	27.4206	-114.6671
123	37	2014	8	18	20	0.94	27.4206	-114.6671
123	37	2014	8	18	50	0.68	27.4206	-114.6671
123	40	2014	8	18	0	0.33	27.3171	-114.8623
123	40	2014	8	18	10	0.35	27.3171	-114.8623
123	40	2014	8	18	20	0.37	27.3171	-114.8623
123	40	2014	8	18	50	0.87	27.3171	-114.8623
123	40	2014	8	18	100	0.12	27.3171	-114.8623
123	40	2014	8	18	150	0.08	27.3171	-114.8623
123	40	2014	8	18	200	0.04	27.3171	-114.8623
123	40	2014	8	18	500	0.01	27.3171	-114.8623
123	45	2014	8	18	0	0.08	27.1457	-115.1863
123	45	2014	8	18	10	0.10	27.1457	-115.1863
123	45	2014	8	18	20	0.18	27.1457	-115.1863
123	45	2014	8	18	50	0.08	27.1457	-115.1863

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
123	45	2014	8	18	100	0.75	27.1457	-115.1863
123	45	2014	8	18	150	0.07	27.1457	-115.1863
123	45	2014	8	18	200	0.07	27.1457	-115.1863
123	45	2014	8	18	500	0.00	27.1457	-115.1863
123	50	2014	8	18	0	0.12	26.9839	-115.5098
123	50	2014	8	18	10	0.11	26.9839	-115.5098
123	50	2014	8	18	20	0.09	26.9839	-115.5098
123	50	2014	8	18	50	1.05	26.9839	-115.5098
123	50	2014	8	18	100	0.21	26.9839	-115.5098
123	50	2014	8	18	150	0.05	26.9839	-115.5098
123	50	2014	8	18	200	0.03	26.9839	-115.5098
123	50	2014	8	18	500	0.01	26.9839	-115.5098
123	55	2014	8	19	0	0.18	26.8164	-115.8307
123	55	2014	8	19	10	0.13	26.8164	-115.8307
123	55	2014	8	19	20	0.15	26.8164	-115.8307
123	55	2014	8	19	50	0.60	26.8164	-115.8307
123	55	2014	8	19	100	0.24	26.8164	-115.8307
123	55	2014	8	19	150	0.03	26.8164	-115.8307
123	55	2014	8	19	200	0.02	26.8164	-115.8307
123	55	2014	8	19	500	0.01	26.8164	-115.8307
123	60	2014	8	19	0	0.11	26.6006	-116.1510
123	60	2014	8	19	10	0.09	26.6006	-116.1510
123	60	2014	8	19	20	0.12	26.6006	-116.1510
123	60	2014	8	19	50	0.97	26.6006	-116.1510
123	60	2014	8	19	100	0.20	26.6006	-116.1510
123	60	2014	8	19	150	0.03	26.6006	-116.1510
123	60	2014	8	19	200	0.02	26.6006	-116.1510
123	60	2014	8	19	500	0.01	26.6006	-116.1510
123	65	2014	8	19	0	0.14	26.4834	-116.4723
123	65	2014	8	19	10	0.22	26.4834	-116.4723
123	65	2014	8	19	20	0.37	26.4834	-116.4723
123	65	2014	8	19	50	0.66	26.4834	-116.4723
123	65	2014	8	19	100	0.07	26.4834	-116.4723
123	65	2014	8	19	150	0.02	26.4834	-116.4723
123	65	2014	8	19	200	0.02	26.4834	-116.4723
123	65	2014	8	19	500	0.01	26.4834	-116.4723
123	70	2014	8	19	0	0.10	26.3167	-116.7923
123	70	2014	8	19	10	0.08	26.3167	-116.7923
123	70	2014	8	19	20	0.04	26.3167	-116.7923
123	70	2014	8	19	50	0.07	26.3167	-116.7923
123	70	2014	8	19	100	0.72	26.3167	-116.7923
123	70	2014	8	19	150	0.09	26.3167	-116.7923
123	70	2014	8	19	200	0.01	26.3167	-116.7923
123	70	2014	8	19	500	0.00	26.3167	-116.7923
127	40	2014	8	20	0	0.13	26.7292	-114.4872
127	40	2014	8	20	10	0.16	26.7292	-114.4872
127	40	2014	8	20	20	0.19	26.7292	-114.4872
127	40	2014	8	20	50	0.41	26.7292	-114.4872
127	40	2014	8	20	100	0.52	26.7292	-114.4872
127	40	2014	8	20	150	0.04	26.7292	-114.4872
127	40	2014	8	20	200	0.01	26.7292	-114.4872
127	40	2014	8	20	500	0.01	26.7292	-114.4872
127	45	2014	8	20	0	0.19	26.5608	-114.8110
127	45	2014	8	20	10	0.16	26.5608	-114.8110
127	45	2014	8	20	20	0.23	26.5608	-114.8110
127	45	2014	8	20	20	0.23	26.5608	-114.8110

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
127	45	2014	8	20	50	0.81	26.5608	-114.8110
127	45	2014	8	20	100	0.22	26.5608	-114.8110
127	45	2014	8	20	150	0.03	26.5608	-114.8110
127	45	2014	8	20	200	0.02	26.5608	-114.8110
127	45	2014	8	20	500	0.01	26.5608	-114.8110
127	50	2014	8	20	0	0.13	26.3945	-115.1315
127	50	2014	8	20	10	0.14	26.3945	-115.1315
127	50	2014	8	20	20	0.16	26.3945	-115.1315
127	50	2014	8	20	50	0.33	26.3945	-115.1315
127	50	2014	8	20	100	0.37	26.3945	-115.1315
127	50	2014	8	20	150	0.02	26.3945	-115.1315
127	50	2014	8	20	200	0.01	26.3945	-115.1315
127	50	2014	8	20	500	0.01	26.3945	-115.1315
127	55	2014	8	20	0	0.13	26.2284	-115.4509
127	55	2014	8	20	10	0.11	26.2284	-115.4509
127	55	2014	8	20	20	0.14	26.2284	-115.4509
127	55	2014	8	20	50	0.57	26.2284	-115.4509
127	55	2014	8	20	100	0.22	26.2284	-115.4509
127	55	2014	8	20	150	0.05	26.2284	-115.4509
127	55	2014	8	20	200	0.01	26.2284	-115.4509
127	55	2014	8	20	500	0.01	26.2284	-115.4509
127	60	2014	8	20	0	0.12	26.0595	-115.7701
127	60	2014	8	20	10	0.10	26.0595	-115.7701
127	60	2014	8	20	20	0.13	26.0595	-115.7701
127	60	2014	8	20	50	2.08	26.0595	-115.7701
127	60	2014	8	20	100	0.13	26.0595	-115.7701
127	60	2014	8	20	150	0.02	26.0595	-115.7701
127	60	2014	8	20	200	0.01	26.0595	-115.7701
127	60	2014	8	20	500	0.00	26.0595	-115.7701
127	34	2014	8	21	0	0.15	26.9288	-114.1034
127	34	2014	8	21	10	0.16	26.9288	-114.1034
127	34	2014	8	21	20	0.26	26.9288	-114.1034
127	34	2014	8	21	50	1.51	26.9288	-114.1034
130	28	2014	8	21	0	0.13	26.6250	-113.3645
130	28	2014	8	21	10	0.13	26.6250	-113.3645
130	28	2014	8	21	20	0.17	26.6250	-113.3645
130	28	2014	8	21	50	1.45	26.6250	-113.3645
130	30	2014	8	21	0	0.15	26.4879	-113.4951
130	30	2014	8	21	10	0.04	26.4879	-113.4951
130	30	2014	8	21	20	0.18	26.4879	-113.4951
130	30	2014	8	21	50	1.76	26.4879	-113.4951
130	35	2014	8	21	0	0.18	26.3208	-113.8124
130	35	2014	8	21	10	0.20	26.3208	-113.8124
130	35	2014	8	21	20	0.24	26.3208	-113.8124
130	35	2014	8	21	50	0.82	26.3208	-113.8124
130	35	2014	8	21	100	0.16	26.3208	-113.8124
130	35	2014	8	21	150	0.12	26.3208	-113.8124
130	35	2014	8	21	200	0.02	26.3208	-113.8124
130	35	2014	8	21	500	0.03	26.3208	-113.8124
130	40	2014	8	21	0	0.13	26.1560	-114.1383
130	40	2014	8	21	10	0.14	26.1560	-114.1383
130	40	2014	8	21	20	0.13	26.1560	-114.1383
130	40	2014	8	21	50	0.25	26.1560	-114.1383
130	40	2014	8	21	50	0.01	26.1560	-114.1383
130	40	2014	8	21	100	0.75	26.1560	-114.1383
130	40	2014	8	21	150	0.05	26.1560	-114.1383

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
130	40	2014	8	21	200	0.01	26.1560	-114.1383
130	45	2014	8	21	0	0.07	25.9880	-114.4520
130	45	2014	8	21	10	0.10	25.9880	-114.4520
130	45	2014	8	21	20	0.08	25.9880	-114.4520
130	45	2014	8	21	50	0.26	25.9880	-114.4520
130	45	2014	8	21	100	0.55	25.9880	-114.4520
130	45	2014	8	21	150	0.03	25.9880	-114.4520
130	45	2014	8	21	200	0.02	25.9880	-114.4520
130	45	2014	8	21	500	0.00	25.9880	-114.4520
130	50	2014	8	22	0	0.11	25.8260	-114.7706
130	50	2014	8	22	10	0.12	25.8260	-114.7706
130	50	2014	8	22	20	0.14	25.8260	-114.7706
130	50	2014	8	22	50	0.21	25.8260	-114.7706
130	50	2014	8	22	100	0.50	25.8260	-114.7706
130	50	2014	8	22	150	0.03	25.8260	-114.7706
130	50	2014	8	22	200	0.02	25.8260	-114.7706
130	50	2014	8	22	500	0.00	25.8260	-114.7706
130	55	2014	8	22	0	0.23	25.6546	-115.0888
130	55	2014	8	22	10	0.11	25.6546	-115.0888
130	55	2014	8	22	20	0.21	25.6546	-115.0888
130	55	2014	8	22	50	0.01	25.6546	-115.0888
130	55	2014	8	22	100	0.15	25.6546	-115.0888
130	55	2014	8	22	150	0.49	25.6546	-115.0888
130	55	2014	8	22	200	0.01	25.6546	-115.0888
130	55	2014	8	22	500	0.01	25.6546	-115.0888
130	60	2014	8	22	0	0.17	25.4915	-115.4081
130	60	2014	8	22	10	0.17	25.4915	-115.4081
130	60	2014	8	22	20	0.21	25.4915	-115.4081
130	60	2014	8	22	50	0.46	25.4915	-115.4081
130	60	2014	8	22	100	0.42	25.4915	-115.4081
130	60	2014	8	22	150	0.08	25.4915	-115.4081
130	60	2014	8	22	200	0.01	25.4915	-115.4081
130	60	2014	8	22	500	0.01	25.4915	-115.4081
133	45	2014	8	23	20	0.21	25.4190	-114.0935
133	45	2014	8	23	100	0.22	25.4190	-114.0935
133	45	2014	8	23	150	0.02	25.4190	-114.0935
133	45	2014	8	23	200	0.02	25.4190	-114.0935
133	45	2014	8	23	500	0.01	25.4190	-114.0935
133	50	2014	8	23	0	0.31	25.2251	-114.4241
133	50	2014	8	23	10	0.14	25.2251	-114.4241
133	50	2014	8	23	20	0.13	25.2251	-114.4241
133	50	2014	8	23	50	0.55	25.2251	-114.4241
133	50	2014	8	23	100	0.41	25.2251	-114.4241
133	50	2014	8	23	150	0.03	25.2251	-114.4241
133	50	2014	8	23	200	0.02	25.2251	-114.4241
133	50	2014	8	23	500	0.00	25.2251	-114.4241
133	55	2014	8	23	0	0.11	25.0848	-114.7276
133	55	2014	8	23	10	0.09	25.0848	-114.7276
133	55	2014	8	23	20	0.13	25.0848	-114.7276
133	55	2014	8	23	50	0.17	25.0848	-114.7276
133	55	2014	8	23	100	0.48	25.0848	-114.7276
133	55	2014	8	23	150	0.13	25.0848	-114.7276
133	55	2014	8	23	200	0.02	25.0848	-114.7276
133	55	2014	8	23	500	0.01	25.0848	-114.7276
133	60	2014	8	23	0	0.09	24.9202	-115.0401
133	60	2014	8	23	10	0.10	24.9202	-115.0401

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
133	60	2014	8	23	20	0.08	24.9202	-115.0401
133	60	2014	8	23	50	0.17	24.9202	-115.0401
133	60	2014	8	23	100	0.67	24.9202	-115.0401
133	60	2014	8	23	150	0.11	24.9202	-115.0401
133	60	2014	8	23	200	0.01	24.9202	-115.0401
133	60	2014	8	23	500	0.00	24.9202	-115.0401
133	23	2014	8	24	10	0.16	26.1524	-112.6872
133	25	2014	8	24	0	0.13	26.0845	-112.8168
133	35	2014	8	24	0	0.14	25.7520	-113.4592
133	35	2014	8	24	10	0.17	25.7520	-113.4592
133	35	2014	8	24	50	1.12	25.7520	-113.4592
133	40	2014	8	24	0	0.29	25.5856	-113.7743
133	40	2014	8	24	10	0.10	25.5856	-113.7743
133	40	2014	8	24	20	0.14	25.5856	-113.7743
133	40	2014	8	24	50	1.12	25.5856	-113.7743
133	40	2014	8	24	100	0.21	25.5856	-113.7743
133	40	2014	8	24	150	0.05	25.5856	-113.7743
133	40	2014	8	24	200	0.02	25.5856	-113.7743
133	40	2014	8	24	500	0.01	25.5856	-113.7743
137	22	2014	8	24	10	0.15	25.5986	-112.2644
137	25	2014	8	24	0	0.13	25.4948	-112.4561
137	30	2014	8	24	0	0.13	25.3281	-112.7745
137	30	2014	8	24	10	0.15	25.3281	-112.7745
137	30	2014	8	24	20	0.15	25.3281	-112.7745
137	30	2014	8	24	50	0.68	25.3281	-112.7745
137	30	2014	8	24	100	0.14	25.3281	-112.7745
137	30	2014	8	24	150	0.07	25.3281	-112.7745
137	35	2014	8	27	0	0.14	25.1613	-113.0928
137	35	2014	8	27	10	0.18	25.1613	-113.0928
137	35	2014	8	27	20	0.70	25.1613	-113.0928
137	35	2014	8	27	50	0.77	25.1613	-113.0928
137	35	2014	8	27	100	0.14	25.1613	-113.0928
137	35	2014	8	27	150	0.03	25.1613	-113.0928
137	35	2014	8	27	200	0.01	25.1613	-113.0928
137	40	2014	8	28	0	0.11	24.9958	-113.4089
137	40	2014	8	28	10	0.13	24.9958	-113.4089
137	40	2014	8	28	20	0.26	24.9958	-113.4089
137	40	2014	8	28	50	0.57	24.9958	-113.4089
137	40	2014	8	28	100	0.20	24.9958	-113.4089
137	40	2014	8	28	150	0.03	24.9958	-113.4089
137	40	2014	8	28	200	0.02	24.9958	-113.4089
137	40	2014	8	28	500	0.00	24.9958	-113.4089
137	45	2014	8	28	0	0.15	24.8302	-113.7206
137	45	2014	8	28	10	0.12	24.8302	-113.7206
137	45	2014	8	28	20	0.48	24.8302	-113.7206
137	45	2014	8	28	50	0.79	24.8302	-113.7206
137	45	2014	8	28	100	0.20	24.8302	-113.7206
137	45	2014	8	28	150	0.02	24.8302	-113.7206
137	45	2014	8	28	200	0.02	24.8302	-113.7206
137	45	2014	8	28	500	0.00	24.8302	-113.7206
137	50	2014	8	28	0	0.12	24.6614	-114.0408
137	50	2014	8	28	10	0.13	24.6614	-114.0408
137	50	2014	8	28	20	0.32	24.6614	-114.0408
137	50	2014	8	28	50	0.66	24.6614	-114.0408
137	50	2014	8	28	100	0.41	24.6614	-114.0408
137	50	2014	8	28	150	0.03	24.6614	-114.0408

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
137	50	2014	8	28	200	0.01	24.6614	-114.0408
137	50	2014	8	28	500	0.00	24.6614	-114.0408
137	55	2014	8	28	0	0.11	24.4890	-114.3590
137	55	2014	8	28	10	0.12	24.4890	-114.3590
137	55	2014	8	28	20	0.13	24.4890	-114.3590
137	55	2014	8	28	50	0.23	24.4890	-114.3590
137	55	2014	8	28	100	0.59	24.4890	-114.3590
137	55	2014	8	28	150	0.05	24.4890	-114.3590
137	55	2014	8	28	200	0.01	24.4890	-114.3590
137	55	2014	8	28	500	0.00	24.4890	-114.3590
137	60	2014	8	28	0	0.11	24.3309	-114.6738
137	60	2014	8	28	10	0.11	24.3309	-114.6738
137	60	2014	8	28	20	0.18	24.3309	-114.6738
137	60	2014	8	28	50	0.27	24.3309	-114.6738
137	60	2014	8	28	100	0.82	24.3309	-114.6738
137	60	2014	8	28	150	0.09	24.3309	-114.6738
137	60	2014	8	28	200	0.01	24.3309	-114.6738
137	60	2014	8	28	500	0.00	24.3309	-114.6738
140	35	2014	8	29	0	0.13	24.5929	-112.7403
140	35	2014	8	29	20	0.11	24.5929	-112.7403
140	35	2014	8	29	20	0.28	24.5929	-112.7403
140	35	2014	8	29	50	0.62	24.5929	-112.7403
140	35	2014	8	29	100	0.15	24.5929	-112.7403
140	35	2014	8	29	150	0.02	24.5929	-112.7403
140	35	2014	8	29	200	0.01	24.5929	-112.7403
140	35	2014	8	29	500	0.00	24.5929	-112.7403
140	40	2014	8	29	0	0.15	24.4226	-113.0537
140	40	2014	8	29	10	0.18	24.4226	-113.0537
140	40	2014	8	29	20	0.21	24.4226	-113.0537
140	40	2014	8	29	50	0.92	24.4226	-113.0537
140	40	2014	8	29	100	0.30	24.4226	-113.0537
140	40	2014	8	29	150	0.02	24.4226	-113.0537
140	40	2014	8	29	200	0.01	24.4226	-113.0537
140	40	2014	8	29	500	0.01	24.4226	-113.0537
140	45	2014	8	29	0	0.17	24.2580	-113.3686
140	45	2014	8	29	10	0.18	24.2580	-113.3686
140	45	2014	8	29	20	0.23	24.2580	-113.3686
140	45	2014	8	29	50	0.28	24.2580	-113.3686
140	45	2014	8	29	100	0.26	24.2580	-113.3686
140	45	2014	8	29	150	0.04	24.2580	-113.3686
140	45	2014	8	29	200	0.02	24.2580	-113.3686
140	45	2014	8	29	500	0.01	24.2580	-113.3686
140	50	2014	8	29	0	0.13	24.0908	-113.6824
140	50	2014	8	29	10	0.11	24.0908	-113.6824
140	50	2014	8	29	20	0.16	24.0908	-113.6824
140	50	2014	8	29	50	0.28	24.0908	-113.6824
140	50	2014	8	29	100	0.38	24.0908	-113.6824
140	50	2014	8	29	150	0.03	24.0908	-113.6824
140	50	2014	8	29	200	0.02	24.0908	-113.6824
140	50	2014	8	29	500	0.01	24.0908	-113.6824
140	55	2014	8	29	0	0.10	23.9246	-113.9997
140	55	2014	8	29	10	0.09	23.9246	-113.9997
140	55	2014	8	29	20	0.16	23.9246	-113.9997
140	55	2014	8	29	50	0.28	23.9246	-113.9997
140	55	2014	8	29	100	0.30	23.9246	-113.9997
140	55	2014	8	29	150	0.03	23.9246	-113.9997

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
140	55	2014	8	29	200	0.01	23.9246	-113.9997
140	55	2014	8	29	500	0.01	23.9246	-113.9997
140	60	2014	8	29	0	0.12	23.7548	-114.3113
140	60	2014	8	29	10	0.12	23.7548	-114.3113
140	60	2014	8	29	20	0.20	23.7548	-114.3113
140	60	2014	8	29	50	0.51	23.7548	-114.3113
140	60	2014	8	29	100	0.37	23.7548	-114.3113
140	60	2014	8	29	150	0.03	23.7548	-114.3113
140	60	2014	8	29	200	0.01	23.7548	-114.3113
140	60	2014	8	29	500	0.00	23.7548	-114.3113
140	30	2014	8	30	0	0.15	24.7585	-112.4233
140	30	2014	8	30	10	0.29	24.7585	-112.4233
140	30	2014	8	30	20	0.35	24.7585	-112.4233
140	30	2014	8	30	50	0.81	24.7585	-112.4233
143	26	2014	8	30	0	0.29	24.3192	-111.8226
143	26	2014	8	30	10	0.39	24.3192	-111.8226
143	26	2014	8	30	20	0.79	24.3192	-111.8226
143	26	2014	8	30	50	0.60	24.3192	-111.8226
143	30	2014	8	30	0	0.15	24.1855	-112.0781
143	30	2014	8	30	10	0.17	24.1855	-112.0781
143	30	2014	8	30	20	0.27	24.1855	-112.0781
143	30	2014	8	30	50	0.46	24.1855	-112.0781
143	30	2014	8	30	100	0.07	24.1855	-112.0781
143	30	2014	8	30	150	0.02	24.1855	-112.0781
143	30	2014	8	30	200	0.05	24.1855	-112.0781
143	40	2014	8	30	0	0.10	23.8491	-112.7034
143	40	2014	8	30	10	0.13	23.8491	-112.7034
143	40	2014	8	30	20	0.26	23.8491	-112.7034
143	40	2014	8	30	50	0.53	23.8491	-112.7034
143	40	2014	8	30	100	0.17	23.8491	-112.7034
143	40	2014	8	30	150	0.06	23.8491	-112.7034
143	40	2014	8	30	200	0.02	23.8491	-112.7034
143	40	2014	8	30	500	0.02	23.8491	-112.7034
143	45	2014	8	31	0	0.11	23.6853	-113.0190
143	45	2014	8	31	10	0.11	23.6853	-113.0190
143	45	2014	8	31	20	0.15	23.6853	-113.0190
143	45	2014	8	31	50	0.34	23.6853	-113.0190
143	45	2014	8	31	100	0.33	23.6853	-113.0190
143	45	2014	8	31	150	0.02	23.6853	-113.0190
143	45	2014	8	31	200	0.01	23.6853	-113.0190
143	45	2014	8	31	500	0.00	23.6853	-113.0190
143	50	2014	8	31	0	0.09	23.5187	-113.3350
143	50	2014	8	31	10	0.13	23.5187	-113.3350
143	50	2014	8	31	20	0.29	23.5187	-113.3350
143	50	2014	8	31	50	0.75	23.5187	-113.3350
143	50	2014	8	31	100	0.06	23.5187	-113.3350
143	50	2014	8	31	150	0.14	23.5187	-113.3350
143	50	2014	8	31	200	0.01	23.5187	-113.3350
143	50	2014	8	31	500	0.02	23.5187	-113.3350
143	55	2014	8	31	0	0.17	23.3532	-113.6471
143	55	2014	8	31	0	0.10	23.3532	-113.6471
143	55	2014	8	31	10	0.02	23.3532	-113.6471
143	55	2014	8	31	10	0.14	23.3532	-113.6471
143	55	2014	8	31	20	0.13	23.3532	-113.6471
143	55	2014	8	31	20	0.18	23.3532	-113.6471
143	55	2014	8	31	50	0.78	23.3532	-113.6471

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
143	55	2014	8	31	50	0.65	23.3532	-113.6471
143	55	2014	8	31	100	0.31	23.3532	-113.6471
143	55	2014	8	31	100	0.17	23.3532	-113.6471
143	55	2014	8	31	150	0.03	23.3532	-113.6471
143	55	2014	8	31	150	0.02	23.3532	-113.6471
143	55	2014	8	31	200	0.03	23.3532	-113.6471
143	55	2014	8	31	200	0.01	23.3532	-113.6471
143	55	2014	8	31	500	0.01	23.3532	-113.6471
143	55	2014	8	31	500	0.00	23.3532	-113.6471
143	60	2014	8	31	0	0.14	23.1865	-113.9584
143	60	2014	8	31	10	0.09	23.1865	-113.9584
143	60	2014	8	31	20	0.20	23.1865	-113.9584
143	60	2014	8	31	50	0.38	23.1865	-113.9584
143	60	2014	8	31	100	0.33	23.1865	-113.9584
143	60	2014	8	31	150	0.02	23.1865	-113.9584
143	60	2014	8	31	200	0.01	23.1865	-113.9584
143	60	2014	8	31	500	0.01	23.1865	-113.9584
147	45	2014	8	31	0	0.19	23.0982	-112.6532
147	45	2014	8	31	10	0.19	23.0982	-112.6532
147	45	2014	8	31	20	0.27	23.0982	-112.6532
147	45	2014	8	31	50	0.91	23.0982	-112.6532
147	45	2014	8	31	100	0.12	23.0982	-112.6532
147	45	2014	8	31	500	0.01	23.0982	-112.6532
147	50	2014	8	31	0	0.16	22.9310	-112.9662
147	50	2014	8	31	10	0.15	22.9310	-112.9662
147	50	2014	8	31	20	0.27	22.9310	-112.9662
147	50	2014	8	31	50	0.74	22.9310	-112.9662
147	50	2014	8	31	100	0.12	22.9310	-112.9662
147	50	2014	8	31	150	0.02	22.9310	-112.9662
147	50	2014	8	31	200	0.01	22.9310	-112.9662
147	50	2014	8	31	500	0.00	22.9310	-112.9662
147	55	2014	8	31	0	0.17	22.7606	-113.2741
147	55	2014	8	31	10	0.26	22.7606	-113.2741
147	55	2014	8	31	20	0.73	22.7606	-113.2741
147	55	2014	8	31	50	0.72	22.7606	-113.2741
147	55	2014	8	31	100	0.18	22.7606	-113.2741
147	55	2014	8	31	150	0.12	22.7606	-113.2741
147	25	2014	9	1	0	0.14	23.7657	-111.4035
147	25	2014	9	1	10	0.15	23.7657	-111.4035
147	25	2014	9	1	20	0.18	23.7657	-111.4035
147	25	2014	9	1	50	1.05	23.7657	-111.4035
147	25	2014	9	1	100	0.17	23.7657	-111.4035
147	25	2014	9	1	150	0.05	23.7657	-111.4035
147	25	2014	9	1	200	0.03	23.7657	-111.4035
147	30	2014	9	1	0	0.13	23.5999	-111.7168
147	30	2014	9	1	10	0.12	23.5999	-111.7168
147	30	2014	9	1	20	0.14	23.5999	-111.7168
147	30	2014	9	1	50	0.52	23.5999	-111.7168
147	30	2014	9	1	100	0.23	23.5999	-111.7168
147	30	2014	9	1	150	0.04	23.5999	-111.7168
147	30	2014	9	1	200	0.02	23.5999	-111.7168
147	30	2014	9	1	500	0.02	23.5999	-111.7168
147	35	2014	9	1	0	0.12	23.4321	-112.0266
147	35	2014	9	1	10	0.13	23.4321	-112.0266
147	35	2014	9	1	20	0.36	23.4321	-112.0266
147	35	2014	9	1	50	0.96	23.4321	-112.0266

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
147	35	2014	9	1	100	0.83	23.4321	-112.0266
147	35	2014	9	1	150	1.00	23.4321	-112.0266
147	35	2014	9	1	200	1.11	23.4321	-112.0266
147	35	2014	9	1	500	0.94	23.4321	-112.0266
147	40	2014	9	1	0	0.13	23.2622	-112.3329
147	40	2014	9	1	10	0.14	23.2622	-112.3329
147	40	2014	9	1	20	0.30	23.2622	-112.3329
147	40	2014	9	1	50	0.70	23.2622	-112.3329
147	40	2014	9	1	100	0.66	23.2622	-112.3329
147	40	2014	9	1	150	0.76	23.2622	-112.3329
147	40	2014	9	1	200	0.82	23.2622	-112.3329
147	40	2014	9	1	500	0.70	23.2622	-112.3329
150	15	2014	9	1	0	0.17	23.5239	-110.4334
150	15	2014	9	1	10	0.19	23.5239	-110.4334
150	15	2014	9	1	20	0.31	23.5239	-110.4334
150	15	2014	9	1	50	0.88	23.5239	-110.4334
150	15	2014	9	1	100	0.36	23.5239	-110.4334
150	15	2014	9	1	150	0.11	23.5239	-110.4334
150	15	2014	9	1	200	0.03	23.5239	-110.4334
150	20	2014	9	2	0	0.21	23.3579	-110.7515
150	20	2014	9	2	10	0.18	23.3579	-110.7515
150	20	2014	9	2	20	0.16	23.3579	-110.7515
150	20	2014	9	2	50	1.04	23.3579	-110.7515
150	20	2014	9	2	100	0.08	23.3579	-110.7515
150	20	2014	9	2	100	0.03	23.3579	-110.7515
150	20	2014	9	2	150	0.04	23.3579	-110.7515
150	20	2014	9	2	200	0.02	23.3579	-110.7515
150	20	2014	9	2	200	0.02	23.3579	-110.7515
150	25	2014	9	2	0	0.18	23.1939	-111.0621
150	25	2014	9	2	10	0.18	23.1939	-111.0621
150	25	2014	9	2	20	0.21	23.1939	-111.0621
150	25	2014	9	2	50	1.19	23.1939	-111.0621
150	25	2014	9	2	100	0.11	23.1939	-111.0621
150	25	2014	9	2	150	0.02	23.1939	-111.0621
150	25	2014	9	2	200	0.01	23.1939	-111.0621
150	25	2014	9	2	500	0.01	23.1939	-111.0621
150	30	2014	9	2	0	0.10	23.0310	-111.3714
150	30	2014	9	2	10	0.14	23.0310	-111.3714
150	30	2014	9	2	20	0.39	23.0310	-111.3714
150	30	2014	9	2	50	1.39	23.0310	-111.3714
150	30	2014	9	2	100	0.07	23.0310	-111.3714
150	30	2014	9	2	150	0.02	23.0310	-111.3714
150	30	2014	9	2	200	0.01	23.0310	-111.3714
150	30	2014	9	2	500	0.01	23.0310	-111.3714
150	35	2014	9	2	0	0.17	22.8586	-111.6831
150	35	2014	9	2	10	0.13	22.8586	-111.6831
150	35	2014	9	2	20	0.38	22.8586	-111.6831
150	35	2014	9	2	50	1.27	22.8586	-111.6831
150	35	2014	9	2	100	0.11	22.8586	-111.6831
150	35	2014	9	2	150	0.03	22.8586	-111.6831
150	35	2014	9	2	200	0.03	22.8586	-111.6831
150	35	2014	9	2	500	0.02	22.8586	-111.6831
150	40	2014	9	2	0	0.01	22.6915	-111.9946
150	40	2014	9	2	10	0.18	22.6915	-111.9946
150	40	2014	9	2	20	0.43	22.6915	-111.9946
150	40	2014	9	2	50	0.90	22.6915	-111.9946

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
150	40	2014	9	2	100	0.14	22.6915	-111.9946
150	40	2014	9	2	150	0.03	22.6915	-111.9946
150	40	2014	9	2	200	0.02	22.6915	-111.9946
150	40	2014	9	2	500	0.02	22.6915	-111.9946
150	45	2014	9	2	0	0.20	22.5221	-112.3033
150	45	2014	9	2	10	0.15	22.5221	-112.3033
150	45	2014	9	2	20	0.44	22.5221	-112.3033
150	45	2014	9	2	50	0.99	22.5221	-112.3033
150	45	2014	9	2	100	0.21	22.5221	-112.3033
150	45	2014	9	2	150	0.02	22.5221	-112.3033
150	45	2014	9	2	200	0.01	22.5221	-112.3033
150	45	2014	9	2	500	0.01	22.5221	-112.3033
150	50	2014	9	2	0	0.13	22.3592	-112.6160
150	50	2014	9	2	10	0.15	22.3592	-112.6160
150	50	2014	9	2	20	0.51	22.3592	-112.6160
150	50	2014	9	2	50	0.82	22.3592	-112.6160
150	50	2014	9	2	100	0.21	22.3592	-112.6160
150	50	2014	9	2	150	0.02	22.3592	-112.6160
150	50	2014	9	2	200	0.01	22.3592	-112.6160
150	50	2014	9	2	500	0.00	22.3592	-112.6160
153	15	2014	9	3	0	0.10	22.9213	-110.1522
153	15	2014	9	3	10	0.15	22.9213	-110.1522
153	15	2014	9	3	20	0.35	22.9213	-110.1522
153	15	2014	9	3	50	0.81	22.9213	-110.1522
153	15	2014	9	3	100	0.25	22.9213	-110.1522
153	15	2014	9	3	150	0.04	22.9213	-110.1522
153	15	2014	9	3	200	0.02	22.9213	-110.1522
153	15	2014	9	3	500	0.01	22.9213	-110.1522
153	20	2014	9	3	0	0.15	22.7911	-110.4004
153	20	2014	9	3	10	0.14	22.7911	-110.4004
153	20	2014	9	3	20	0.31	22.7911	-110.4004
153	20	2014	9	3	50	1.01	22.7911	-110.4004
153	20	2014	9	3	100	1.13	22.7911	-110.4004
153	20	2014	9	3	150	1.30	22.7911	-110.4004
153	20	2014	9	3	200	0.68	22.7911	-110.4004
153	20	2014	9	3	500	0.57	22.7911	-110.4004
153	25	2014	9	3	0	0.16	22.6233	-110.7115
153	25	2014	9	3	10	0.19	22.6233	-110.7115
153	25	2014	9	3	20	0.34	22.6233	-110.7115
153	25	2014	9	3	50	1.19	22.6233	-110.7115
153	25	2014	9	3	100	0.15	22.6233	-110.7115
153	25	2014	9	3	150	0.02	22.6233	-110.7115
153	25	2014	9	3	200	0.00	22.6233	-110.7115
153	25	2014	9	3	500	0.01	22.6233	-110.7115
153	30	2014	9	3	0	0.31	22.4560	-111.0230
153	30	2014	9	3	10	0.26	22.4560	-111.0230
153	30	2014	9	3	20	0.46	22.4560	-111.0230
153	30	2014	9	3	50	1.28	22.4560	-111.0230
153	30	2014	9	3	100	0.17	22.4560	-111.0230
153	30	2014	9	3	150	0.03	22.4560	-111.0230
153	30	2014	9	3	200	0.02	22.4560	-111.0230
153	30	2014	9	3	500	0.01	22.4560	-111.0230
153	35	2014	9	3	0	0.17	22.2895	-111.3327
153	35	2014	9	3	10	0.12	22.2895	-111.3327
153	35	2014	9	3	20	0.15	22.2895	-111.3327
153	35	2014	9	3	50	0.22	22.2895	-111.3327

Línea	Estación	Año	Mes	Día	Profundidad (m)	Clorofila (mg m ⁻³)	Longitud	Latitud (E)
153	35	2014	9	3	100	0.54	22.2895	-111.3327
153	35	2014	9	3	150	0.02	22.2895	-111.3327
153	35	2014	9	3	200	0.02	22.2895	-111.3327
153	35	2014	9	3	500	0.01	22.2895	-111.3327
153	40	2014	9	3	0	0.09	22.1205	-111.6466
153	40	2014	9	3	10	0.08	22.1205	-111.6466
153	40	2014	9	3	20	0.11	22.1205	-111.6466
153	40	2014	9	3	50	0.18	22.1205	-111.6466
153	40	2014	9	3	100	0.63	22.1205	-111.6466
153	40	2014	9	3	150	0.04	22.1205	-111.6466
153	40	2014	9	3	200	0.01	22.1205	-111.6466
153	40	2014	9	3	500	0.01	22.1205	-111.6466
153	45	2014	9	3	0	0.12	21.9536	-111.9500
153	45	2014	9	3	10	0.13	21.9536	-111.9500
153	45	2014	9	3	20	0.19	21.9536	-111.9500
153	45	2014	9	3	50	0.37	21.9536	-111.9500
153	45	2014	9	3	100	0.32	21.9536	-111.9500
153	45	2014	9	3	150	0.02	21.9536	-111.9500
153	45	2014	9	3	200	0.02	21.9536	-111.9500
153	45	2014	9	3	500	0.01	21.9536	-111.9500

Apéndice F

Participantes científicos

Nombre	Área
José Luis Cadena Ramírez	Biología
Carol Corral Burgos	Física
Homar Verdugo Ortega	Física
Luis Erasmo Miranda Bojórquez	Física
Yoshiki Leonell Rojas León	Física
Jorge Arturo Castro Sánchez	Química
Luz María Martínez Fuentes	Química
Martin de La Cruz Orozco	Química
Zurisaday Ramírez Mendoza	Química